

INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

ATTY, DOCKET NO. 980034,422C1

APPLICATION NO. 10/729,822

APPLICANTS

Ronald Berenson et al.

FILING DATE

GROUP ART UNIT

December 5, 2003

1632

## **U.S. PATENT DOCUMENTS**

°EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
MB	AA	5,260,422	11/09/93	Clark et al.	530	403	
- 1	АВ	5,773,573	06/30/98	Holms	530	327	
	AC	5,888,511	03/30/99	Skurkovich et al.	424	145.1	
	AD	5,985,552	11/16/99	Howell et al.	435	6	
	ΑE	6,004,942	12/21/99	Firestein et al.	514	44	
	AF	6,090,387	07/18/00	Howell et al.	424	185.1	
	AG	6,221,352	04/24/01	Howell et al.	424	139.1	
	АН	6,333,032	12/25/01	Skurkovich et al.	424	130.1	
	AI	2001/0012514	08/09/01	Skurkovich et al.	424	143.1	
	ΑJ	2002/0031496	03/14/02	Firestein et al.	424	93.6	
pro	AK	2002/0123472	09/05/02	Faustman	514	44	

## **FOREIGN PATENT DOCUMENTS**

		DOCUMENT NUMBER	DATE	COUNTRY	TRANS	LATION
		DOC OMEN'T NOMBER	DATE	COONING	YES	NO
NB	AL	EP 953351 A2	11/03/99	EPO		
	AM	WO 90/10449	09/20/90	WIPO		
	AN	WO 91/15236	10/17/91	WIPO		
	AO	WO 92/06117	04/16/92	WIPO		
	AP	WO 93/02690	02/18/93	WIPO		
	AQ	WO 93/19605	10/14/93	WIPO		
	AR	WO 93/19767	10/14/93	WIPO		
MB	AS	WO 94/28912	12/22/94	WIPO		

OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

AT

EXAMINER

DATE CONSIDERED

10/25/06

• EXAMINER:

Sheet 2 of 2 APPLICATION NO. U.S. DEPARTMENT OF COMMERCE ATTY, DOCKET NO. FORM PTO-1449 (REV.7-80) PATENT AND TRADEMARK OFFICE 10/729,822 980034.422C1 APPLICANTS THIRD SUPPLEMENTAL Ronald Berenson et al. INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary) FILING DATE GROUP ART UNIT December 5, 2003 1632 **U.S. PATENT DOCUMENTS** FILING DATE
IF APPROPRIATE **EXAMINER** CLASS SUBCLASS DOCUMENT NUMBER DATE NAME INITIAL ВА FOREIGN PATENT DOCUMENTS TRANSLATION COUNTRY DATE DOCUMENT NUMBER YES МО 05/18/95 WIPO WO 95/13082 MB 88 WO 95/20649 08/03/95 **WIPO** BC 05/23/96 **WIPO** WO 96/14874 01/23/97 **WIPO** WO 97/02045 BE BF 08/06/98 **WIPO** WO 98/33891 WO 98/41090 09/24/98 **WIPO** BG 12/30/98 WO 98/58541 **WIPO** BH WO 99/00143 01/07/99 **WIPO WIPO** 05/06/99 WO 99/21576 WO 99/29883 06/17/99 **WIPO** BK WO 00/06588 02/10/00 **WIPO** BL WO 00/53209 09/14/00 WIPO BM WO 01/43694 06/21/01 **WIPO** BN 09/27/01 WO 01/70938 WIPO во WO 01/88159 11/22/01 **WIPO** BP 08/08/02 **WIPO** WO 02/060376 BO ĦВ BR OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.) BS DATE CONSIDERED **EXAMINER** \* EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant(s)

	KOA	_	
FORM PTO-1449 (REV.7-80)	PRINT		

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE ATTY, DOCKET NO. 980034.422C1

APPLICANTS

APPLICATION NO. 10/729,822

SECOND SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

(Use several sheets if necessary)

Ronald Berenson et al.

FILING DATE

December 5, 2003

GROUP ART UNIT 1632

**U.S. PATENT DOCUMENTS** 

°EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	АА						
	ΑВ						
	AC						
	ΑD						
	ΑE						
	AF						
	AG						
	АН						
	Al				•		

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	TRANS	LATION
	<u> </u>	DOCUMENT NUMBER	DATE	COUNTRY	YES	NO
MB	AJ	EP 1241249 A1	09/18/02	EPO		
	AK	WO 02/087627	11/07/02	WIPO		,
Ma	AL	WO 03/020904	03/13/03	WIPO		
	AM					
	AN					

## OTHER ART (Including Author, Title, Date, Perlinent Pages, Etc.)

Mus	AO	Bonyhadi, M.L. et al., "Expansion of Antigen-Specific CTL Using CD3/CD28 Paramagnetic Microbeads (Xcellerate <sup>TM</sup> Beads) for Adoptive Cellular Therapy of Melanoma," <i>Blood</i> 98(11): 32b-33b, Abstract No. 3728, 2001.
Mas	AP	Heimfeld, S. et al., "Improvements in Gene Therapy: Rapid Purification of Specific Target Cells Using the CEPRATE® System," <i>British Journal of Haematology 87</i> (1): 193, Abstract No. 754, 1994.
	AQ	

**EXAMINER** 

DATE CONSIDERED

EXAMINI  * EXAMIN		/	1/15		DATE CONSIDERED	10/		
	AU		1					
-	AT	0	THER ART	(Including Author	or, Title, Date, Pertinent Pages.	. Eic.)		
		DOCUMENT NUMBER	DATE		COUNTRY		•	TRANSLATION YES NO
			FORE	IGN PATE	NT DOCUMENTS			
MB	AS	5,824,551	10/20/98	Damme e	t al.	435	375	
	AR	5,804,442	09/08/98		emonne et al.	435	374	
	AQ	5,776,966	07/07/98	North		514	410	
	AP	5,766,947	06/16/98	Rittershau		435	334	
	AO	5,759,546	06/02/98	Weinberg		424	179.1	
	AN	5,738,852	04/14/98	Robinson		424	199.1	
	AM		04/07/98			128	654	
<del></del>	AL	5,728,388	03/17/98	Terman			237.1	
	AK	5,688,915				530	380	
	AJ	5,677,139	10/14/97	Johnson e		435	29	
			Goodwin		435	69.1		
	AH	5,635,354	06/03/97	Kourilsky		435	6	
		11/21/93	Greenberg		435	172.3		
	AE AF	5,468,635	11/21/95	Komiya e		435	240.21	
	AD	5,443,983	08/22/95	Ochoa et		435	240.27	
	AC	5,190,878 5,223,426	06/29/93	Skibbens	et al	435	240.27	
	AB	5,106,746	04/21/92	Ho Wilhelm	•	435	240.25	
<u>rus</u>	AA	5,081,029	01/14/92	Zarling et	al.	435	172.3	
INITIAL		DOCUMENT NUMBER	DATE	2 "	NAME	CLASS		IF APPROPRIATE
*EXAMINER		CAT & TRIAL	٠٠٠٠	PATENT	DOCUMENTS	T		FILING DATE
		(Use several sheets if nec	2004	·	December 5, 2003		632	
INF	ORM.	SUPPLEMENT ATION DISCLOSU	re statem	ENT -	Ronald Berenson et	al.		
REV.7-80)	•	PAT	ENT AND TRADEA		980034.422C1		0/729,822	
ORM PTO-144		110	DEPARTMENT OF	COMMERCE	ATTY. DOCKET NO.		PPLICATION NO.	

Sheet <u>2</u> of <u>26</u> ATTY, DOCKET NO. APPLICATION NO. U.S. DEPARTMENT OF COMMERCE FORM PTO-1449 (REV.7-80) PATENT AND TRADEMARK OFFICE 980034.422C1 10/729,822 APPLICANTS **SUPPLEMENTAL** Ronald Berenson et al. INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary) **GROUP ART UNIT** FILING DATE December 5, 2003 1632 U.S. PATENT DOCUMENTS FILING DATE IF APPROPRIATE \*EXAMINER DOCUMENT NUMBER DATE CLASS SUBCLASS. INITIAL 435 2 MA 5,827,642 10/27/98 Riddell et al. ВА 424 93.21 11/03/98 Crabtree et al. 5,830,462 BB 11/03/98 Thierfelder 424 172.1 5,830,473 BC 435 7.24 5,837,477 11/17/98 Germain et al. BD 424 93.71 BE 5,843,435 12/01/98 Slavin 12/01/98 Schlossman et al. 435 5 5,843,635 BF 02/09/99 435 7.24 BG | 5,869,270 Rhode et al. 372.3 5,869,337 02/09/99 Crabtree et al. 435 BH 424 ΒI 5,871,753 02/16/99 Crabtree et al. 280.1 02/16/99 530 391.1 5,872,222 Chang BJ Palsson et al. 293.2 5,888,807 03/30/99 435 BK 5,910,403 06/08/99 Hellerstein 435 4 BL 93.71 07/27/99 424 BM 5,928,639 Slavin 5,935,575 424 08/10/99 Lenardo et al. 184.1 BN 5,942,607 08/24/99 Freeman et al. 536 23.5 ВО 5,962,319 10/05/99 Ogawa et al. 435 325 RP 5,962,320 10/05/99 Robinson 435 366 BO Skibbens et al. 424 5,976,533 11/02/99 144.1 BR MA 5,980,892 11/09/99 Skibbens et al. 424 144.1 BS FOREIGN PATENT DOCUMENTS DOCUMENT NUMBER TRANSLATION DATE COUNTRY YES NO BT OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.) ΒU **EXAMINER** DATE CONSIDERED

Sheet 3 of 26 ATTY, DOCKET NO. APPLICATION NO. FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE (REV.7-80) PATENT AND TRADEMARK OFFICE 980034.422C1 10/729,822 APPLICANTS **SUPPLEMENTAL** Ronald Berenson et al. INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary) FILING DATE GROUP ART UNIT December 5, 2003 1632 **U.S. PATENT DOCUMENTS** •EXAMINER FILING DATE DOCUMENT NUMBER DATE SUBCLASS NAME CLASS IF APPROPRIATE INITIAL 11/16/99 435 303.1 5,985,653 Armstrong et al. CA MUS 11/23/99 Lenardo 424 184.1 5,989,546 CB 328 01/04/00 435 6,010,902 Ledbetter et al. CC 01/04/00 Crabtree et al. 514 31 6,011,018 CD 372.3 6,040,177 03/21/00 Riddell et al. 435 CE 03/28/00 Crabtree et al. 435 320.1 6,043,082 CF 04/04/00 435 320.1 6,046,047 Crabtree et al. CG 04/11/00 Skibbens et al. 424 144.1 6,048,526 CH 375 05/16/00 Crabtree et al. 435 CI 6,063,625 6,083,503 07/04/00 Lenardo 424 184.1 CJ 6,096,532 08/01/00 Armstrong et al. 435 286.5 CK 6,113,901 09/05/00 Bluestone 424 154.1 CL 6,117,982 Chang 530 391.1 09/12/00 6,126,945 10/03/00 Terman et al. 424 237.1 CN 6,129,916 10/10/00 424 Chang 179.1 CO 6,140,120 10/31/00 Crabtree et al. 435 372.3 СP 6,143,291 11/07/00 June et al. 424 93.21 CQ 11/07/00 424 93.7 6,143,292 Slavin CR MA 11/07/00 424 6,143,297 Bluestone 184.1 CS FOREIGN PATENT DOCUMENTS TRANSLATION DOCUMENT DATE COUNTRY NUMBER YES NO CT OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.) CU **EXAMINER** DATE CONSIDERED

							t <u>4</u> of <u>26</u>		
FORM PTO-144 (REV.7-80)	9 .		DEPARTMENT OF ENT AND TRADE		ATTY, DOCKET NO.	1	PPLICATION NO.		
(KEV.7-60)					980034.422C1 APPLICANTS		0/729,822		
INIE	ODM	SUPPLEMENT ATION DISCLOSU		ENT	Ronald Berenson et al.				
1141	ORM	(Use several sheets if nec		ENI	FILING DATE		ROUP ART UNIT		
		·	•		December 5, 2003	1	632		
-			U.S	. PATENT	DOCUMENTS				
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE		NAME	CLASS	SUBCLASS	FILING IF APPRO	
MA	DA	6,165,787	12/26/00	Crabtree	et al.	435	372.3		•
	DB	6,171,799	01/09/01	Skibbens	et al.	435	7.1		
	DC	6,180,097	01/30/01	Terman		424	93.1		
	DD	6,197,298	03/06/01	Chang		424	179.1		_
	DE	6,210,669	04/03/01	Aruffo et	al.	424	144.1		Ť
	DF	6,221,351	04/24/01	Terman		424	93.71		
	DG	6,232,445	05/15/01	Rhode et	al.	530	387.3		
	DH	6,251,385	06/26/01	Terman		424	93.7		
	DI	6,258,357	07/10/01	Spaner		424	93.71		
	DJ	6,284,879	09/04/01	Faustman	1	536	23.1		
	DK	6,290,955	09/18/01	Thierfeld	er	424	130.1		
	DL	6,309,645	10/30/01	Rhode et	al.	424	192.1		
	DM	6,316,257	11/13/01	Flyer et a	1.	435	372.3		
	DN	6,338,845	01/15/02	Terman	· · · · · · · · · · · · · · · · · · ·	424	93.1		
	00	6,340,461	01/22/02	Terman		424	193.1		
	DP	6,355,779	03/12/02	Goodwin	et al.	530	388.23	-	
	DQ	6,399,054	06/04/02	Casorati	et al.	424	93.21		
MB	DR	6,406,699	06/18/02	Wood		424	184.1		
			FORE	IGN PATE	NT DOCUMENTS	_			
_		DOCUMENT NUMBER	DATE		COUNTRY			TRANSI YES	LATIO NO
	DS								,
		0	THER ART	(Including Auth	or, Title, Date, Pertinent Pages.	Eıc.)			
	DT		1	4					
EXAMIN	ER		18		DATE CONSIDERED	) .	- lack-	<del>-</del>	
				<del></del>			<del>/ /                                  </del>		
* EXAMIN	EK:				onformance with MPEP 609. Dra with next communication to appl		gn citation if not in	· · · · · · · · · · · · · · · · · · ·	

					T		et <u>5</u> of <u>26</u>	····	
FORM PTO-1449 (REV.7-80)	)		. DEPARTMENT OI TENT AND TRADE!		980034.422C1	1	APPLICATION NO. 10/729,822		
		SUPPLEMEN:	ΓAL		APPLICANTS				
INFO	ORM	ATION DISCLOSU		ENT	Ronald Berenson et				
	U.S. PA  MINER   DOCUMENT NUMBER   DATE    HAND   EA   6,461,806   10/08/02   H  EB   6,465,251   10/15/02   Sc  EC   6,488,933   12/03/02   Cc  ED   6,566,082   05/20/03   W  EE   6,576,428   06/10/03   A  EF   6,576,466   06/10/03   Ju  EG   6,602,709   08/05/03   A				December 5, 2003	1	GROUP ART UNIT		
			II S	PATENT	DOCUMENTS				
*EXAMINER INITIAL		DOCUMENT NUMBER	T		NAME	CLASS	SUBCLASS	FILING IF APPRO	
HIS	EA	6,461,806	10/08/02	Hellerstei	in	435	4		
) .	EB		10/15/02	Schultze	et al.	435	377		
	EC	6,488,933	12/03/02	Cohen et	al.	424	185.1		
	ED	6,566,082	05/20/03	Weinberg	g et al.	435	7.24		
	EE	6,576,428	06/10/03	Assenma	cher et al.	435	7.1		
	EF	6,576,466	06/10/03	Jungfer e	t al.	435	372.3		
	EG 6,602,709 EH 6,610,542		08/05/03	Albert et	Albert et al.  Bell et al.		372		
			08/26/03	Bell et al.			377		
	EI	6,656,471	12/02/03	Sastry et	al.	424	188.1		
	EJ	6,689,605	02/10/04	Mountz e	et al.	435	320.1		
	EK	6,692,746	02/17/04	Terman e	et al.	424	184.1		
	EL	6,719,972	04/13/04	Gribben e	et al.	424	154.1		
	ЕМ	2001/0028879	10/11/01	Spaner		424	93.7		
	EN	2001/0051151	12/13/01	Lamb, Jr.		424	93.7		
	EO	2001/0031253	10/18/01	Gruenber	g	424	93.1		
	EP	2002/0004041	01/10/02	Albert et	al.	424	93.21		
	EQ	2002/0006409	01/17/02	Wood		.424	184.1	ļ	
KB	ER	2002/0009448	01/24/02	Weiner e	t al.	424	154.1	L	
			FORE	IGN PATE	NT DOCUMENTS				
		DOCUMENT NUMBER	DATE		COUNTRY			TRANS YES	LATIO
	ES								
		0	THER ART	(Including Auth	or, Title, Date, Pertinent Pages,	Etc.)			
	ET		1		· · · · · · · · · · · · · · · · · · ·		-17	· <u>-</u>	-
EXAMINE			195		DATE CONSIDERED		14/96		

Sheet 6 of 26 ATTY. DOCKET NO. APPLICATION NO. FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE (REV.7-80) PATENT AND TRADEMARK OFFICE 980034.422C1 10/729,822 APPLICANTS **SUPPLEMENTAL** Ronald Berenson et al. INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary) **GROUP ART UNIT** FILING DATE December 5, 2003 1632 **U.S. PATENT DOCUMENTS** \*EXAMINER FILING DATE SUBCLASS CLASS DOCUMENT NUMBER DATE NAME IF APPROPRIATE INITIAL Rhode et al. 424 2002/0034513 03/21/02 184.1 HU FA 2002/0034517 03/21/02 Brasel et al. 424 192.1 FB. 19 514 2002/0037860 03/28/02 D'Andrea et al. FC 2002/0039569 04/04/02 424 85.2 Jungfer et al. FD 424 93.21 2002/0090362 07/11/02 Stauss FΕ 2002/0091079 07/11/02 Rhode et al. 514 12 FF 456 2002/0119571 08/29/02 Ritter et al. 435 FG 2002/0146396 10/10/02 Albert et al. 424 93.21 FH 424 2002/0164331 11/07/02 Exley et al. 144.1 FI 2002/0176850 11/28/02 Slavin 424 93.21 FJ 514 2002/0177554 11/28/02 Verheijden et al. 12 FK 2002/0182730 12/05/02 Gruenberg 435 375 FL 2002/0197716 12/26/02 Flyer et al. 435 372 FM 2003/0039650 02/27/03 Gruenberg 424 144.1 FN 2003/0113328 06/19/03 Roifman et al. 424 146.1 FO FP 2003/0113341 06/19/03 Lynch et al. 424 185.1 2003/0118659 06/26/03 August et al. 424 491 . FO МB 2003/0134341 07/17/03 7.21 Gruenberg 435 FOREIGN PATENT DOCUMENTS DOCUMENT TRANSLATION DATE COUNTRY NUMBER YES NO FS OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.) FT **EXAMINER** DATE CONSIDERED

Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in

conformance and not considered. Include copy of this form with next communication to applicant(s).

\* EXAMINER:

FORM PTO-144 (REV.7-80)	)		DEPARTMENT OF		ATTY. DOCKET NO. 980034.422C1		et <u>7</u> of <u>26</u> application no. 10/729,822		
		SUPPLEMENT	TAI		APPLICANTS		10/729,022		
INF	ORM.	ATION DISCLOSU		ENT	Ronald Berenson et	al.			
		(Use several sheets if neo	cessary)		FILING DATE	1	GROUP ART UNIT		
· ·					December 5, 2003		1632		
*EXAMINER				. PATENT	DOCUMENTS	T		FILING	: DAT
INITIAL	ļ	DOCUMENT NUMBER	DATE		NAME	CLAS		IF APPRO	
MU	GA	2003/0134415	07/17/03	Gruenber	g	435	372		
1	GB	2003/0165531	09/04/03	Lynch et	al.	424	192.1		
	GC	2003/0170238	09/11/03	Gruenber	g	424	144.1		
	GD	2003/0175242	09/18/03	Gruenber	g	424	93.2		
	GE	2003/0175272	09/18/03	Gruenber	g	424	144.1		
	GF	2003/0176378	09/18/03	Weiner e	t al.	514	44		
	GG	2003/0190323	10/09/03	Cohen et	al.	424	185.1		
	GН	2003/0194395	10/16/03	Gruenber	g et al.	424	93.7		
	GI	2003/0219463	11/27/03	Falkenbu	rg et al.	424	277.1		
	GI	2004/0023377	02/05/04	Assenma	cher et al.	435	372		
	GK	2004/0037845	02/26/04	Brasel et	al.	424	185.1		•
	GL	2004/0072749	04/15/04	Zochoer	et al.	514	12		
	GM	2004/0156860	08/12/04	Weiner et	t al.	424	185.1		
	GN	2004/0157792	08/12/04	Mountz e	t al.	514	44		
	GO	2004/0161433	08/19/04	Teshigaw	vara et al.	424	277.1		
	GP	2004/0180050	09/16/04	Hoffman		424	144.1		
	GQ	2004/0180808	09/16/04	Nye et al.		514	2		
MB	GR.	2004/0185048	09/23/04	Strom et	al	424	145.1		
			FORE	IGN PATE	NT DOCUMENTS				
		DOCUMENT NUMBER	DATE		COUNTRY		····	TRANS	LATIO
	GS								
<del></del>	•	0	THER ART	(Including Auth	or, Title, Date, Pertinent Pages,	Eic.)		•	•
	GT							·	
EXAMINE					DATE CONSIDERED		14/01		

			•			Sheet	8 of 26		
FORM PTO-144	9		EPARTMENT OF C						
(REV.7-80)			IT AND TRADEM	ARK OFFICE	980034.422C1 APPLICANTS	10	0/729,822		
INF	ORM/	SUPPLEMENTA ATION DISCLOSUR		NT	Ronald Berenson et	al.			
		(Use several sheets if necess			FILING DATE		OUP ART UNIT		
		· · · · · · · · · · · · · · · · · · ·	<del> </del>		December 5, 2003	10	532		
*EXAMINER	т т	<del></del>	<del></del>	U.S. PATENT DOCUMENTS				FILING	î D
NITIAL		DOCUMENT NUMBER	DATE		NAME	CLASS	SUBCLASS	IF APPR	
	НА						<u> </u>		
			FOREIC	ON PATE	NT DOCUMENTS			T 120	
		DOCUMENT NUMBER	DATE		COUNTRY			TRANS	LA.
MB	нв	CA 2304268 A1	04/01/99	Canada					
1	нс	EP 242216 A1	10/21/87	EPO	- "				
	HD	EP 340109 B1	05/28/97	EPO					
	не	EP 440373 B1	04/23/97	ЕРО					
	HF	EP 633930 B1	04/26/00	EPO					
	HG	WO 86/04334	07/31/86	WIPO		<del> </del>	· · · · · · · · · · · · · · · · · · ·		
	нн	WO 91/18629	12/12/91	WIPO					
	н	WO 92/09628	06/11/92	WIPO					
	нз	WO 93/14789	08/05/93	WIPO					
	нк	WO 93/24127	12/09/93	WIPO					T
	HĻ	WO 93/24136	12/09/93	WIPO		٠.	•		
	НМ	WO 94/02156	- 02/03/94	WIPO					-
	HN	WO 94/03202	02/17/94	WIPO					
	но	WO 94/12196	06/09/94	WIPO					
	HP	WO 94/18317	08/18/94	WIPO					
	HQ	WO 94/19009	09/01/94	WIPO					
)	HR	WO 94/23734	10/27/94	WIPO					
Mys	HS	WO 94/28926	12/22/94	WIPO					
		OT	HER ART (	ncluding Auth	or, Tille, Date, Pertinent Pages	. Eic.)			
•	нт		1						
EXAMINI	ER	- //			DATE CONSIDERE	5 7	6/86		_

ORM PTO-144	9		DEPARTMENT OF		ATTY. DOCKET NO.		APPL	O of <u>26</u> JCATION NO.		
24.7-00,				inidi Oi i i i i	980034.422C1		10/	729,822		
		SUPPLEMENT			APPLICANTS	اء				
INF	OKM	ATION DISCLOSU  (Use several sheets if nec		ENT	Ronald Berenson et					
		1000 0010101 01000 11 1100	••••		December 5, 2003		163	UP ART UNIT		
			<del></del>		December 5, 2005		103			
			U.S.	PATENT	DOCUMENTS					
EXAMINER INITIAL		DOCUMENT NUMBER	DATE		NAME	CLA	SS	SUBCLASS	FILING IF APPR	OPRIAT
	IA									
			FOREI	GN PATEI	NT DOCUMENTS					
		DOCUMENT NUMBER	DATE		COUNTRY				TRANS	LATIO
HO	IB	WO 95/09652	04/13/95	WIPO	<del></del>	•			1123	1.0
1	IC	WO 95/21251	08/10/95	WIPO						
	ID	WO 95/24910	09/21/95	WIPO			•			
	IE	WO 95/32735	12/07/95	WIPO		· . · <u>-</u>				
	IF	WO 95/33770	12/14/95	WIPO		•				
	IG	WO 96/06929	03/07/96	WIPO						
	IН	WO 96/15153	05/23/96	WIPO		,				
·	11	WO 96/33265	10/24/96	WIPO				·.		
	n	WO 96/34622	11/07/96	WIPO	and the second s					
	IK	WO 96/37208	11/28/96	WIPO						
	IL.	WO 96/38158	12/05/96	WIPO						ļ
	··IM··	WO 97/00270	01/03/97	WIPO		•				
	IN	WO 97/01304	01/16/97	WIPO						
	10	WO 97/02016	01/23/97	WIPO						
	IP	WO 97/05233	02/13/97	WIPO						
	IQ	WO 97/05239	02/13/97	WIPO						
NA	IR	WO 97/10361	03/20/97	WIPO				•	l	
		0'	THER ART	(Including Auth	or, Title, Date, Pertinent Pages,	Etc.)				
	IS		1							
XAMINI	ER		1/18		DATE CONSIDERED	)	101	14/96		

Sheet 10 of 26

FORM PTO-144	9	U.S.	DEPARTMENT OF	COMMERCE	ATTY, DOCKET NO.			JCATION NO.	<del></del>	
(REV.7-80)		PAT	ENT AND TRADEA	MARK OFFICE	980034.422C1		10/	729,822		
		SUPPLEMENT	AL		APPLICANTS					
INF	ORMA	ATION DISCLOSU		ENT	Ronald Berenson et a	1.				
		(Use several sheets if nec	essary)		FILING DATE			UP ART UNIT		
					December 5, 2003	لــــ	163	32		
			U.S.	PATENT	DOCUMENTS					
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE		NAME	CLA	SS	SUBCLASS	FILING IF APPRO	
	JA:									
			FORE	GN PATE	NT DOCUMENTS					
		DOCUMENT NUMBER	DATE		COUNTRY				TRANSI	ATION
MUS	JB	WO 97/12633	04/10/97	WIPO						
	ıc	WO 97/32970	09/12/97	WIPO						
	JD	WO 97/37004	10/09/97	WIPO						
	JE	WO 97/39722	10/30/97	WIPO						
	JF	WO 97/44667	11/27/97	WIPO						
	JG	WO 98/21314	05/22/98	WIPO						
	JH	WO 98/51820	11/19/98	WIPO				•		
	n	WO 98/52615	11/26/98	WIPO	_					
	11 ~	WO 98/56819	12/17/98	WIPO			-			
	JK	WO 98/56823	12/17/98	WIPO						
	JL	WO 99/13904	03/25/99	WIPO						
	JM	WO 99/21572 -	05/06/99	WIPO						
	JN	WO 99/38953	08/05/99	WIPO	<u> </u>					
	JO	WO 99/51247	10/14/99	WIPO	•					
	JP	WO 99/52928	10/21/99	WIPO						
	٦Q	WO 99/55843	11/04/99	WIPO						·
MB	JR	WO 99/58977	11/18/99	WIPO						
		0	THER ART	(Including Auth	or, Title, Date, Pertinent Pages, E	ic.)				
	JS		1							
EXAMIN	ER .		1/18		DATE CONSIDERED	10	A	e/M		
* EXAMIN	ER:	Initial if reference conside	red, whether or no	t criteria is in co	onformance with MPEP 609. Drav			itation if not in		
					with next communication to appli					

•						Sheet _1	1 of 26		
FORM PTO-144	9		DEPARTMENT OF		ATTY, DOCKET NO.	APPL	JCATION NO.		
(REV.7-80)		PAT	ENT AND TRADEN	IARK OFFICE	980034.422C1	10/	729,822		
		SUPPLEMENT	CAL		APPLICANTS				
INF	ORMA	ATION DISCLOSU		ENT	Ronald Berenson et a	<u>1</u>			
		(Use several sheets if neo	essary)		FILING DATE		UP ART UNIT		
					December 5, 2003	163	32		
			U.S.	PATENT	DOCUMENTS		<u>,</u>		
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE		NAME	CLASS	SUBCLASS	FILING IF APPRO	
	КА	· · · · · · · · · · · · · · · · · · ·							
			FOREI	GN PATE	NT DOCUMENTS			, <u>.</u>	
		DOCUMENT NUMBER	DATE		COUNTRY			TRANSI YES	NO
MUS	КВ	WO 00/02520	01/20/00	WIPO					X
	кс	WO 00/02520	01/20/00	WIPO				X	
	КD	WO 00/15767	03/23/00 <sup>-</sup>	WIPO					
	KE	WO 00/22124	04/20/00	WIPO					
	KF	WO 00/29008	05/25/00	WIPO					
	KG	WO 00/31138	06/02/00	WIPO					
	КН	WO 00/44893	08/03/00	WIPO			-		
	кі	WO 00/51432	09/08/00	WIPO		•			
	ки	WO 00/52046	09/08/00	WIPO					
	кк	WO 00/56356	09/28/00	WIPO					
	KL	WO 00/59538	10/12/00	WIPO			•		
	KM.	WO-00/66764	11/09/00	WIPO	· ·				
	KN	WO 01/22970	04/05/01	WIPO					
	ко	WO 01/24771	04/12/01	WIPO					
	КР	WO 01/29192	04/26/01	WIPO					
	ΚQ	WO 01/43695	06/21/01	WIPO					
KR WO 01/49743 07/12/01 WIPO									
		0	THER ART	(Including Author	or, Tille, Date, Pertinent Pages, E	(c.)			
	KS		1						
EXAMINE	R		118		DATE CONSIDERED	10	/11/81		
* EXAMIN					nformance with MPEP 609. Draw	line through c	11 11		
L		onformance and not cons	aerea. Include co	py of this form	with next communication to applic	ant(s).			لــــــــــــــــــــــــــــــــــــــ

Sheet 12 of 26

	FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE ATTY. DOCKET NO. APPLICATION NO. (REV.7-80) PATENT AND TRADEMARK OFFICE 980034.422C1 10/729,822										
	)										
(REV.7-60)		FAIG	יוואט ואאט טווא	IRR OTTICE	980034.422C1		10/	729,822			
****		SUPPLEMENTA		>100	APPLICANTS  Donald Donanger et e	1					
INFO	)KM/	ATION DISCLOSUR (Use several sheets if neces		.NI	Ronald Berenson et a	l	GRO	UP ART UNIT			
		•	•		December 5, 2003		163				
			U.S. 1	PATENT 1	DOCUMENTS		1 100	<u> </u>			
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE		NAME	CLA	ss	SUBCLASS		DATE OPRIATE	
	LA										
			FOREIC	ON PATE	NT DOCUMENTS			-			
		DOCUMENT NUMBER	DATE		COUNTRY				TRANS	LATION NO	
Mb	LB	WO 01/52664	07/02601	WIPO							
1	ıс	WO 01/87333	11/22/01	WIPO							
	LD	WO 01/88116	11/22/01	WIPO							
	LE	WO 01/98357	12/27/01	WIPO							
	LF	WO 02/09674	02/07/02	WIPO							
	LG	WO 02/16414	02/28/02	WIPO							
	ᄖ	WO 02/22790	03/21/02	WIPO							
	Ļļ	WO 02/22805	03/21/02	WIPO							
	IJ	WO 02/28385	04/11/02	WIPO							
•	LK	WO 03/024312	03/27/03	WIPO							
	LL	WO 03/025158	03/27/03	WIPO							
	·LM-	WO-03/034820	05/01/03	WIPO				:	··		
Į	LN	WO 03/043643	05/30/03	WIPO		•					
MUS	ro	WO 03/077658	09/25/03	WIPO							
	LP										
	ιQ										
	LR										
		ОТ	HER ART (	ncluding Autho	or, Title, Date, Pertinent Pages, Et	(c.)					
	LS		1								
EXAMINE	i.R	//	15		DATE CONSIDERED	10	0/1	6/01			
* EXAMINI		nitial if reference considered	d, whether or not o	riteria is in cor	nformance with MPEP 609. Draw with next communication to applic	line thr	ough c	itation if not in			
					to appro-						

Sheet 13 of 26

				_		311	_=	3 OI <u>20</u>			
FORM PTO-14	49		DEPARTMENT OF		ATTY. DOCKET NO.			JCATION NO.			
(REV.7-80)		PAI	ENT AND TRADEA	MAKK OFFICE	980034.422C1		10/	729,822			
		SUPPLEMENT			APPLICANTS						
INF	ORM	ATION DISCLOSU  (Use several sheets if nec		ENT	Ronald Berenson et a	<u>u.</u>	200			· · · · ·	
		(Ose several streets if field	essary)				163	UP ART UNIT			
		<del></del>			December 5, 2003		103	<u> </u>			
*EXAMINER		<u> </u>		PATENT	DOCUMENTS			1	FILING	DATE	
. INITIAL	+	DOCUMENT NUMBER	DATE		. NAME	CLA	SS	SUBCLASS		OPRIATE	
	МА					<u></u>					
			FOREI	GN PATE	NT DOCUMENTS						
-		DOCUMENT NUMBER	DATE		COUNTRY	_			TRANS	LATION	
	МВ		-			-					
	<u> </u>		THED ADT		mul David David David	·			<del>!</del>	J	
	<del></del>			·	or, Title, Date, Pertinent Pages, E ween T Cell Receptor Jun		10	managa II.	ana 4 =		
	мс				ing Experimental Allergic					urnal	
MU		of Clinical In			• •	z Liiće	pnare	Jiny Circis,	ine Jui	4/ /1(41	
	Anderton, S.M. et al., "Therapeutic potential of TCR antagonists is determined by their ability to										
	modulate a diverse repertoire of autoreactive T cells," Eur. J. Immunol. 29(6): 1850-1857, June										
-	1999.   Arenz, M. et al., "Antigen-independent in vitro expansion of T cells does not affect the T cell										
	ME				75: 678-686, 1997.	cens u	063 11	iot affect til	e i cen		
	MF	Azuma, T. et a	al., "Induction	n of apoptos	sis of activated murine spassant," Immunopharmaco				_		
	MG	Baroja, M.L.	et al., "The A	nti-T Cell N	Monoclonal Antibody 9.3	(Anti-	CD2	8) Provides	a Help	er	
· [		Signal and By	passes the Ne	ed for Acc	essory Cells in T Cell Act	tivatio	n wit	h Immobili	zed An	ti-CD	
		and Mitogens	" Cellular In	munology .	<i>120</i> : 205-217, 1989.						
	мн	Bender, A. et	al., "T Cell R	eceptor Rep	pertoire in Polymyositis: Med. 181: 1863-1868, M			oansion of			
.	1		•		ated Terminal Maturation			ic Cells " i	n Dend	ritic	
	MI	\			nunology, Ricciardi-Cast						
.]		York, 1997, p			, idolara cust	060	(20.	<i>,</i> ,	, .		
-   ·	<del>                                     </del>			ssessing A	poptosis of Developing T	Cells	by F	low Cytome	etrv" in	1	
	I MJ				34: T Cell Protocols: Dev						
		K.P. ed., Hum									
	MK				or Repertoire in Chronic					100	
Restricted and Lacks Enrichment of Superantigen-Associated Vβ Regions," J. Invest. Dermatol. 104: 725-728, 1995.											
	ML				Autologous T Cell Immur					-	
1/1		1 5 13 <b>1</b> 1 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2			" in Proceedings of the 4.						
Ma		Society of Hen	natology, Sar	Francisco,	December 1-5, 2000, vol	l. 96, n	ю. 11	, part 1, Al	BSTRA	CT #	
		3616.									
EXAMIN	ER		118		DATE CONSIDERED	-	10/	MOL	•		
EXAMIN		Initial if reference consider	ed, whether or no	criteria is in co	onformance with MPEP 609. Draw	line thro	ough c	itation if not in			
		contormance and not cons	aerea. Include co	py of this form	with next communication to applic	ant(s).					

Sheet 14 of 26

						<del></del>	31100				
	U.S. DEPARTMENT OF COMMERCE ATTY, DOCKET NO. APPLICATION NO.										
SUPPLEMENTAL APPLICANTS											
			SUPPLEMENT	`AL		APPLICANTS					
I	NFO	RM.	ATION DISCLOSU		ENT	Ronald Berenson et a	ıl.				
			(Use several sheets if nec			FILING DATE	G	ROUP ART UNIT			
						December 5, 2003	1	632			
				U.S.	PATENT	DOCUMENTS					
EXAMIN			DOCUMENT NUMBER	DATE		NAME	CLASS	SUBCLASS	FILING IF APPRO	DATE	
		NA								•	
		1		FOREI	GN PATE	NT DOCUMENTS	<del>L</del>		I		
	T		DOCUMENT	DATE		COUNTRY		, <del></del>	TRANS	LATION	
			NUMBER	DAIL		COUNTRY			YES	NO	
		NB									
OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)											
			Borthwick, N	I.J. et al., "L	oss of CD2	28 expression on CD8 <sup>+</sup>	T cells i	s induced by	/ IL-2		
M		NC		•		•		•			
receptor γ chain signaling cytokines and type I IFN, and increases susceptibility to activation-induced apoptosis," <i>International Immunology 12</i> (7): 1005-1013, 2000.											
- 1	7		<del></del>			Analysis in Chronic Pla	<del></del>			•	
- 1		ND	f	•	-	e," Human Immunology	-				
						usage by hepatic T lyi			with		
l		NE				irnal of Hepatology 26			********		
	1					ne A and FK506 Show			pressiv	e	
<b> </b>		NF		•	•	Il Proliferation," Int. J.		-	•		
1			1993.					,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	(-)	,	
			Bulfone-Paus	s. S. et al "	An interleu	kin-2-IgG-Fas ligand f	usion pr	otein suppre	sses		
		NG				ce by triggering apoptor	-			nove	
1				• •	-	Fransplantation 69(7):					
	$\overline{}$					ocyte expansion for ret				nce	
1		NH	· ·	•		cell expansion rates a			•		
ļ						logy 28: 1137-1146, 20		iochio anosc	·		
						ptor-binding humanize		D3 antibodia	e indu	ce ·	
1	İ	NI				s," J. Immunol. 165(11					
		-1				nding, humanized anti-					
.		נא	_	-		fectively than OKT3 ar		•		,03	
			1			5-1546, November 200		iunosuppres	2146 111		
	-							2011 0000000			
		NK			_	e induction of Fas-med				01	
	+					Clin. Exp. Immunol. 120				101.	
Christen, U. et al., "Apoptosis of Autoreactive CD8 Lymphocytes as a Potential											
41	Mechanism for the Abrogation of Type 1 Diabetes by Islet-Specific TNF-α Expression at a Time When the Autoimmune Process Is Already Ongoing," Ann. N.Y. Acad. Sci. 958: 166-										
14	'			ne Autoimn	nune Proce	ss is Aiready Ungoing,	$\cap$ Ann. $\wedge$	.Y. Acad. So	ı. YX8:	166	
77.43.4	169, 2002.										
EXAM	шчен	•		1/18		DATE CONSIDERED	18	14/171			
						l	/	11/00			

Sheet 15 of 26   SOUTH PROCESSION   SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT (Obs pered steen (Feestaley))   PATENT AND TRADEMARK OFFICE   SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT (Obs pered steen (Feestaley))   PATENT DOCUMENTS   CROUP ART UNIT   December 5, 2003   1632   CROUP ART UNIT   December 5, 2003   1632   CROUP ART UNIT   December 5, 2003   1632   CROUP ART UNIT   December 5, 2003   CROUP ART UNIT   December 6, 2003   CLASS   SUBCLASS   PATENT DOCUMENTS   December 7, 2003   CLASS   SUBCLASS   PATENT DOCUMENTS   DOCUMENTS   DOCUMENT DOCUMENTS   DOCUMENT DOCUMENTS   DOCUMENT DOCUMENTS   DOCUMENT   DO	•	•									
SUPPLEMENTAL   INFORMATION DISCLOSURES STATEMENT   SUPPLEMENTAL   INFORMATION DISCLOSURES STATEMENT   INFORMATION DISCLOSURES   INFORMATION							Sheet	15 of 26			
SUPPLEMENTAL INFORMATION DISCLOSURES STATEMENT (The several theses if recessary)  U.S. PATENT DOCUMENTS    CLASS   SUBCLASS   PLANFORMATION DATE	FORM PTO-144	9	U.S.	DEPARTMENT OF	COMMERCE	ATTY. DOCKET NO.					
Ronald Berenson et al.	(REV.7-80)		PATI	ENT AND TRADEN	ARK OFFICE	980034.422C1	10/	729,822			
Ronald Berenson et al.			SUPPLEMENT	'AL		APPLICANTS					
U.S. PATENT DOCUMENTS    DOCUMENT NUMBER   DATE   NAME   CLASS   SUBCLASS   FILING DATE   FARROPRIATE   FARROPRIAT	INF	ORM.	ATION DISCLOSU	RE STATEM	ENT	Ronald Berenson et a	<u>l</u> _				
U.S. PATENT DOCUMENTS    DOCUMENT NUMBER   DATE   NAME   CLASS   SUBCLASS   FLANG DATE   PLANG D			(Use several sheets if nec	essary)		1					
DOCUMENT NUMBER   DATE   NAME   CLASS   SUBCLASS   FUNCOPATE   PAPPROPRIATE						December 5, 2003	163	32			
FOREIGN PATENT DOCUMENTS    DOCUMENT   DATE   COUNTRY   TRANSLATION   YES   NO			<del></del>	U.S.	PATENT	DOCUMENTS	······································				
DOCUMENT   DATE   COUNTRY   TRANSLATION   YES   MO			DOCUMENT NUMBER	DATE		NAME	CLASS	SUBCLASS			
DOCUMENT   DATE   COUNTRY   TRANSLATION   TOTAL   Date   Pertinent Pages, Etc.		OA									
OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)  OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)  OC Cioca, D.P. et al., "Apoptosis of peripheral blood lymphocytes is induced by catecholamines," Jpn. Heart J. 41(3): 385-398, May 2000.  Claret, E.J. et al., "Characterization of T Cell Repertoire in Patients with Graft-Versus-Leukemia After Donor Lymphocyte Infusion," Journal of Clinical Investigation 100(4): 855-866, August 1997.  Cohen, P.A. et al., "T-Cell Adoptive Therapy of Tumors: Mechanisms of Improved Therapeutic Performance," Critical Reviews in Immunology 21: 215-248, 2001.  OF Combadière, B. et al., "Selective Induction of Apoptosis in Mature T Lymphocytes by Variant T Cell Receptor Ligands," Journal of Experimental Medicine 187(3): 349-355, February 2, 1998.  OG Creson, J. et al., "The Mode and Duration of Anti-CD28 Costimulation Determine Resistance to Infection by Macrophage-Tropic Strains of Human Immunodeficiency Virus Type 1 in Vitro," Journal Of Virology, 73(11):9337-9347, November 1999.  OH Dao, T. et al., "Natural Human Interferon-a Augments Apoptosis in Activated T Cell Line," Cellular Immunology 155: 304-311, 1994.  OI Davey, M.P. et al., "TCRB Clonotypes Are Present in CD4+ T Cell Populations Prepared Directly from Rheumatoid Synovium," Human Immunology 55: 11-21, 1997.  OJ Davies, T.F., "A new role for methimazole in autoimmune thyroid disease: inducing T cell apoptosis," Thyroid 10(7): 525-526, July 2000.  OK Di Renzo, M. et al., "Enhanced apoptosis of T cells in common variable immunodeficiency (CVID): role of defective CD28 co-stimulation," Clin. Exp. Immunol. 120: 503-511, 2000.  Di Sabatino, A. et al., "Apoptosis and peripheral blood lymphocyte depletion in coeliac disease," Immunology 103: 435-440, 2001.  Dietrich, P-Y et al., "TCR analysis reveals significant repertoire selection during in vitro lymphocyte culture," International Immunology 9(8): 1073-1083, 1997.  Ebata, T. et al., "Rapid induction of CD95 ligand and CD4* T cell-mediated apoptosis b			_	FOREI	GN PATE	NT DOCUMENTS					
OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)  OC Cioca, D.P. et al., "Apoptosis of peripheral blood lymphocytes is induced by catecholamines," Jpn. Heart J. 41(3): 385-398, May 2000.  Claret, E.J. et al., "Characterization of T Cell Repertoire in Patients with Graft-Versus-Leukemia After Donor Lymphocyte Infusion," Journal of Clinical Investigation 100(4): 855-866, August 1997.  OE Cohen, P.A. et al., "T-Cell Adoptive Therapy of Tumors: Mechanisms of Improved Therapeutic Performance," Critical Reviews in Immunology 21: 215-248, 2001.  OF Combadière, B. et al., "Selective Induction of Apoptosis in Mature T Lymphocytes by Variant T Cell Receptor Ligands," Journal of Experimental Medicine 187(3): 349-355, February 2, 1998.  OG Creson, J. et al., "The Mode and Duration of Anti-CD28 Costimulation Determine Resistance to Infection by Macrophage-Tropic Strains of Human Immunodeficiency Virus Type 1 in Vitro," Journal Of Virology, 73(11):9337-9347, November 1999.  OH Dao, T. et al., "Natural Human Interferon-a Augments Apoptosis in Activated T Cell Line," Cellular Immunology 155: 304-311, 1994.  OI Davey, M.P. et al., "TCRB Clonotypes Are Present in CD4+ T Cell Populations Prepared Directly from Rheumatoid Synovium," Human Immunology 55: 11-21, 1997.  OJ Davies, T.F., "A new role for methimazole in autoimmune thyroid disease: inducing T cell apoptosis," Thyroid 10(7): 525-526, July 2000.  OK Di Renzo, M. et al., "Enhanced apoptosis of T cells in common variable immunodeficiency (CVID): role of defective CD28 co-stimulation," Clin. Exp. Immunol. 120: 503-511, 2000.  OL Di Sabatino, A. et al., "Apoptosis and peripheral blood lymphocyte depletion in coeliac disease," Immunology 103: 435-440, 2001.  OM Dietrich, P-Y et al., "TCR analysis reveals significant repertoire selection during in vitro lymphocyte culture," International Immunology 9(8): 1073-1083, 1997.  Ebata, T. et al., "Rapid induction of CD95 ligand and CD4* T cell-mediated apoptosis by CD137 (4-18B) cestimulation," Eur. J. Immunol. 31(5): 1				DATE		COUNTRY					
Cioca, D.P. et al., "Apoptosis of peripheral blood lymphocytes is induced by catecholamines," Jpn. Heart J. 41(3): 385-398, May 2000.  Claret, E.J. et al., "Characterization of T Cell Repertoire in Patients with Graft-Versus-Leukemia After Donor Lymphocyte Infusion," Journal of Clinical Investigation 100(4): 855-866, August 1997.  OE Cohen, P.A. et al., "T-Cell Adoptive Therapy of Tumors: Mechanisms of Improved Therapeutic Performance," Critical Reviews in Immunology 21: 215-248, 2001.  OF Combadière, B. et al., "Selective Induction of Apoptosis in Mature T Lymphocytes by Variant T Cell Receptor Ligands," Journal of Experimental Medicine 187(3): 349-355, February 2, 1998.  OG Creson, J. et al., "The Mode and Duration of Anti-CD28 Costimulation Determine Resistance to Infection by Macrophage-Tropic Strains of Human Immunodeficiency Virus Type 1 in Vitro," Journal Of Virology, 73(11):9337-9347, November 1999.  OH Davey, M.P. et al., "Natural Human Interferon-a Augments Apoptosis in Activated T Cell Line," Cellular Immunology 155: 304-311, 1994.  OI Davey, M.P. et al., "TCRB Clonotypes Are Present in CD4+ T Cell Populations Prepared Directly from Rheumatoid Synovium," Human Immunology 55: 11-21, 1997.  OJ Davies, T.F., "A new role for methimazole in autoimmune thyroid disease: inducing T cell apoptosis," Thyroid 10(7): 525-526, July 2000.  OK (CVID): role of defective CD28 co-stimulation," Clin. Exp. Immunol. 120: 503-511, 2000.  OL Di Sabatino, A. et al., "Apoptosis and peripheral blood lymphocyte depletion in coeliac disease," Immunology 103: 435-440, 2001.  OM Dietrich, P-Y et al., "TCR analysis reveals significant repertoire selection during in vitro lymphocyte culture," International Immunology 9(8): 1073-1083, 1997.  DATE CONSIDERED  *EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Onw line through citation if not in		ОВ		-							
Cioca, D.P. et al., "Apoptosis of peripheral blood lymphocytes is induced by catecholamines," Jpn. Heart J. 41(3): 385-398, May 2000.  Claret, E.J. et al., "Characterization of T Cell Repertoire in Patients with Graft-Versus-Leukemia After Donor Lymphocyte Infusion," Journal of Clinical Investigation 100(4): 855-866, August 1997.  OE Cohen, P.A. et al., "T-Cell Adoptive Therapy of Tumors: Mechanisms of Improved Therapeutic Performance," Critical Reviews in Immunology 21: 215-248, 2001.  OF Combadière, B. et al., "Selective Induction of Apoptosis in Mature T Lymphocytes by Variant T Cell Receptor Ligands," Journal of Experimental Medicine 187(3): 349-355, February 2, 1998.  OG Creson, J. et al., "The Mode and Duration of Anti-CD28 Costimulation Determine Resistance to Infection by Macrophage-Tropic Strains of Human Immunodeficiency Virus Type 1 in Vitro," Journal Of Virology, 73(11):9337-9347, November 1999.  OH Davey, M.P. et al., "Natural Human Interferon-a Augments Apoptosis in Activated T Cell Line," Cellular Immunology 155: 304-311, 1994.  OI Davey, M.P. et al., "TCRB Clonotypes Are Present in CD4+ T Cell Populations Prepared Directly from Rheumatoid Synovium," Human Immunology 55: 11-21, 1997.  OJ Davies, T.F., "A new role for methimazole in autoimmune thyroid disease: inducing T cell apoptosis," Thyroid 10(7): 525-526, July 2000.  OK (CVID): role of defective CD28 co-stimulation," Clin. Exp. Immunol. 120: 503-511, 2000.  OL Di Sabatino, A. et al., "Apoptosis and peripheral blood lymphocyte depletion in coeliac disease," Immunology 103: 435-440, 2001.  OM Di CD137 (4-1BB) eastimulation," Eur. J. Immunol. 31(5): 1410-1416, May 2001.  EXAMINER: Imital if reference considered, whether or not criteria is in conformance with MPEP 609. Onw line through citation if not in		•	O	THER ART	Uncluding Auth	or Title Date Pertinent Pages F	ic)		1		
catecholamines," Jpn. Heart J. 41(3): 385-398, May 2000.  Claret, E. J. et al., "Characterization of T Cell Repertoire in Patients with Graft-Versus-Leukemia After Donor Lymphocyte Infusion," Journal of Clinical Investigation 100(4): 855-866, August 1997.  Cohen, P.A. et al., "T-Cell Adoptive Therapy of Tumors: Mechanisms of Improved Therapeutic Performance," Critical Reviews in Immunology 21: 215-248, 2001.  Combadière, B. et al., "Selective Induction of Apoptosis in Mature T Lymphocytes by Variant T Cell Receptor Ligands," Journal of Experimental Medicine 187(3): 349-355, February 2, 1998.  Creson, J. et al., "The Mode and Duration of Anti-CD28 Costimulation Determine Resistance to Infection by Macrophage-Tropic Strains of Human Immunodeficiency Virus Type 1 in Vitro," Journal Of Virology, 73(11):9337-9347, November 1999.  OH Dao, T. et al., "Natural Human Interferon-a Augments Apoptosis in Activated T Cell Line," Cellular Immunology 155: 304-311, 1994.  OI Davey, M.P. et al., "TCRB Clonotypes Are Present in CD4+ T Cell Populations Prepared Directly from Rheumatoid Synovium," Human Immunology 55: 11-21, 1997.  OJ Davies, T.F., "A new role for methimazole in autoimmune thyroid disease: inducing T cell apoptosis," Thyroid 10(7): 525-526, July 2000.  OK (CVID): role of defective CD28 co-stimulation," Clin. Exp. Immunol. 120: 503-511, 2000.  OL Di Sabatino, A. et al., "Apoptosis and peripheral blood lymphocyte depletion in coeliac disease," Immunology 103: 435-440, 2001.  Dictrich, P-Y et al., "TCR analysis reveals significant repertoire selection during in vitro lymphocyte culture," International Immunology 9(8): 1073-1083, 1997.  Ebata, T. et al., "Rapid induction of CD95 ligand and CD4* T cell-mediated apoptosis by CD137 (4-1BB) eostimulation," Eur. J. Immunol. 31(5): 1410-1416, May 2001.  DATE CONSIDERED  * EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in		1	·····					uced by			
Claret, E.J. et al., "Characterization of T Cell Repertoire in Patients with Graft-Versus-Leukemia After Donor Lymphocyte Infusion," Journal of Clinical Investigation 100(4): 855-866, August 1997.  Cohen, P.A. et al., "T-Cell Adoptive Therapy of Tumors: Mechanisms of Improved Therapeutic Performance," Critical Reviews in Immunology 21: 215-248, 2001.  Combadière, B. et al., "Selective Induction of Apoptosis in Mature T Lymphocytes by Variant T Cell Receptor Ligands," Journal of Experimental Medicine 187(3): 349-355, February 2, 1998.  Creson, J. et al., "The Mode and Duration of Anti-CD28 Costimulation Determine Resistance to Infection by Macrophage-Tropic Strains of Human Immunodeficiency Virus Type 1 in Vitro," Journal Of Virology, 73(11):9337-9347, November 1999.  Dao, T. et al., "Natural Human Interferon-a Augments Apoptosis in Activated T Cell Line," Cellular Immunology 155: 304-311, 1994.  Davey, M.P. et al., "TCRB Clonotypes Are Present in CD4+ T Cell Populations Prepared Directly from Rheumatoid Synovium," Human Immunology 55: 11-21, 1997.  Davies, T.F., "A new role for methimazole in autoimmune thyroid disease: inducing T cell apoptosis," Thyroid 10(7): 525-526, July 2000.  Di Renzo, M. et al., "Enhanced apoptosis of T cells in common variable immunodeficiency (CVID): role of defective CD28 co-stimulation," Clin. Exp. Immunol. 120: 503-511, 2000.  Di Sabatino, A. et al., "Apoptosis and peripheral blood lymphocyte depletion in coeliac disease," Immunology 103: 435-440, 2001.  Dietrich, P-Y et al., "TCR analysis reveals significant repertoire selection during in vitro lymphocyte culture," International Immunology 9(8): 1073-1083, 1997.  Ebata, T. et al., "Rapid induction of CD95 ligand and CD4* T cell-mediated apoptosis by CD137 (4-1BB) costimulation," Eur. J. Immunol. 31(5): 1410-1416, May 2001.  DATE CONSIDERED  *EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in	M.K.	oc					yics is illu	uccu by			
Leukemia After Donor Lymphocyte Infusion," Journal of Clinical Investigation 100(4): 855-866, August 1997.  Cohen, P.A. et al., "T-Cell Adoptive Therapy of Tumors: Mechanisms of Improved Therapeutic Performance," Critical Reviews in Immunology 21: 215-248, 2001.  Combadière, B. et al., "Selective Induction of Apoptosis in Mature T Lymphocytes by Variant T Cell Receptor Ligands," Journal of Experimental Medicine 187(3): 349-355, February 2, 1998.  Creson, J. et al., "The Mode and Duration of Anti-CD28 Costimulation Determine Resistance to Infection by Macrophage-Tropic Strains of Human Immunodeficiency Virus Type 1 in Vitro," Journal Of Virology, 73(11):9337-9347, November 1999.  Dao, T. et al., "Natural Human Interferon-α Augments Apoptosis in Activated T Cell Line," Cellular Immunology 155: 304-311, 1994.  Davey, M.P. et al., "TCRB Clonotypes Are Present in CD4+ T Cell Populations Prepared Directly from Rheumatoid Synovium," Human Immunology 55: 11-21, 1997.  Davies, T.F., "A new role for methimazole in autoimmune thyroid disease: inducing T cell apoptosis," Thyroid 10(7): 525-526, July 2000.  Di Renzo, M. et al., "Enhanced apoptosis of T cells in common variable immunodeficiency (CVID): role of defective CD28 co-stimulation," Clin. Exp. Immunol. 120: 503-511, 2000.  Di Sabatino, A. et al., "Apoptosis and peripheral blood lymphocyte depletion in coeliac disease," Immunology 103: 435-440, 2001.  Dietrich, P-Y et al., "TCR analysis reveals significant repertoire selection during in vitro lymphocyte culture," International Immunology 9(8): 1073-1083, 1997.  Ebata, T. et al., "Rapid induction of CD95 ligand and CD4* T cell-mediated apoptosis by CD137 (4-1BB) costimulation," Eur. J. Immunol. 31(5): 1410-1416, May 2001.  DATE CONSIDERED  *EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609, Draw line through citation if not in	(0)						Patients v	with Graft-	Versus-		
855-866, August 1997.  Cohen, P.A. et al., "T-Cell Adoptive Therapy of Tumors: Mechanisms of Improved Therapeutic Performance," Critical Reviews in Immunology 21: 215-248, 2001.  OF Combadière, B. et al., "Selective Induction of Apoptosis in Mature T Lymphocytes by Variant T Cell Receptor Ligands," Journal of Experimental Medicine 187(3): 349-355, February 2, 1998.  OG Creson, J. et al., "The Mode and Duration of Anti-CD28 Costimulation Determine Resistance to Infection by Macrophage-Tropic Strains of Human Immunodeficiency Virus Type 1 in Vitro," Journal Of Virology, 73(11):9337-9347, November 1999.  OH Dao, T. et al., "Natural Human Interferon-a Augments Apoptosis in Activated T Cell Line," Cellular Immunology 155: 304-311, 1994.  OI Davey, M.P. et al., "TCRB Clonotypes Are Present in CD4+ T Cell Populations Prepared Directly from Rheumatoid Synovium," Human Immunology 55: 11-21, 1997.  OJ Davies, T.F., "A new role for methimazole in autoimmune thyroid disease: inducing T cell apoptosis," Thyroid 10(7): 525-526, July 2000.  OK Di Renzo, M. et al., "Enhanced apoptosis of T cells in common variable immunodeficiency (CVID): role of defective CD28 co-stimulation," Clin. Exp. Immunol. 120: 503-511, 2000.  OL Di Sabatino, A. et al., "Apoptosis and peripheral blood lymphocyte depletion in coeliac disease," Immunology 103: 435-440, 2001.  Dietrich, P-Y et al., "TCR analysis reveals significant repertoire selection during in vitro lymphocyte culture," International Immunology 9(8): 1073-1083, 1997.  Ebata, T. et al., "Rapid induction of CD95 ligand and CD4* T cell-mediated apoptosis by CD137 (4-1BB) estimulation," Eur. J. Immunol. 31(5): 1410-1416, May 2001.  DATE CONSIDERED  *EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in		OD	1	-		-					
Cohen, P.A. et al., "T-Cell Adoptive Therapy of Tumors: Mechanisms of Improved Therapeutic Performance," Critical Reviews in Immunology 21: 215-248, 2001.  Combadière, B. et al., "Selective Induction of Apoptosis in Mature T Lymphocytes by Variant T Cell Receptor Ligands," Journal of Experimental Medicine 187(3): 349-355, February 2, 1998.  Creson, J. et al., "The Mode and Duration of Anti-CD28 Costimulation Determine Resistance to Infection by Macrophage-Tropic Strains of Human Immunodeficiency Virus Type 1 in Vitro," Journal Of Virology, 73(11):9337-9347, November 1999.  OH Dao, T. et al., "Natural Human Interferon-a Augments Apoptosis in Activated T Cell Line," Cellular Immunology 155: 304-311, 1994.  OI Davey, M.P. et al., "TCRB Clonotypes Are Present in CD4+ T Cell Populations Prepared Directly from Rheumatoid Synovium," Human Immunology 55: 11-21, 1997.  Davies, T.F., "A new role for methimazole in autoimmune thyroid disease: inducing T cell apoptosis," Thyroid 10(7): 525-526, July 2000.  OK Di Renzo, M. et al., "Enhanced apoptosis of T cells in common variable immunodeficiency (CVID): role of defective CD28 co-stimulation," Clin. Exp. Immunol. 120: 503-511, 2000.  OL Di Sabatino, A. et al., "Apoptosis and peripheral blood lymphocyte depletion in coeliac disease," Immunology 103: 435-440, 2001.  Dietrich, P-Y et al., "TCR analysis reveals significant repertoire selection during in vitro lymphocyte culture," International Immunology 9(8): 1073-1083, 1997.  Ebata, T. et al., "Rapid induction of CD95 ligand and CD4* T cell-mediated apoptosis by CD137 (4-1BB) estimulation," Eur. J. Immunol. 31(5): 1410-1416, May 2001.  DATE CONSIDERED  *EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in		ļ			,			<b>6</b>			
Therapeutic Performance," Critical Reviews in Immunology 21: 215-248, 2001.  Combadière, B. et al., "Selective Induction of Apoptosis in Mature T Lymphocytes by Variant T Cell Receptor Ligands," Journal of Experimental Medicine 187(3): 349-355, February 2, 1998.  Creson, J. et al., "The Mode and Duration of Anti-CD28 Costimulation Determine Resistance to Infection by Macrophage-Tropic Strains of Human Immunodeficiency Virus Type 1 in Vitro," Journal Of Virology, 73(11):9337-9347, November 1999.  Dao, T. et al., "Natural Human Interferon-a Augments Apoptosis in Activated T Cell Line," Cellular Immunology 155: 304-311, 1994.  Davey, M.P. et al., "TCRB Clonotypes Are Present in CD4+ T Cell Populations Prepared Directly from Rheumatoid Synovium," Human Immunology 55: 11-21, 1997.  Davies, T.F., "A new role for methimazole in autoimmune thyroid disease: inducing T cell apoptosis," Thyroid 10(7): 525-526, July 2000.  Di Renzo, M. et al., "Enhanced apoptosis of T cells in common variable immunodeficiency (CVID): role of defective CD28 co-stimulation," Clin. Exp. Immunol. 120: 503-511, 2000.  Di Sabatino, A. et al., "Apoptosis and peripheral blood lymphocyte depletion in coeliac disease," Immunology 103: 435-440, 2001.  Dietrich, P-Y et al., "TCR analysis reveals significant repertoire selection during in vitro lymphocyte culture," International Immunology 9(8): 1073-1083, 1997.  Ebata, T. et al., "Rapid induction of CD95 ligand and CD4* T cell-mediated apoptosis by CD137 (4-1BB) costimulation," Eur. J. Immunol. 31(5): 1410-1416, May 2001.  DATE CONSIDERED  *EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in		05			ll Adoptive	e Therapy of Tumors:	Mechanis	ms of Impr	oved		
Variant T Cell Receptor Ligands," Journal of Experimental Medicine 187(3): 349-355, February 2, 1998.  Creson, J. et al., "The Mode and Duration of Anti-CD28 Costimulation Determine Resistance to Infection by Macrophage-Tropic Strains of Human Immunodeficiency Virus Type 1 in Vitro," Journal Of Virology, 73(11):9337-9347, November 1999.  OH Dao, T. et al., "Natural Human Interferon-α Augments Apoptosis in Activated T Cell Line," Cellular Immunology 155: 304-311, 1994.  OI Davey, M.P. et al., "TCRB Clonotypes Are Present in CD4+ T Cell Populations Prepared Directly from Rheumatoid Synovium," Human Immunology 55: 11-21, 1997.  OJ Davies, T.F., "A new role for methimazole in autoimmune thyroid disease: inducing T cell apoptosis," Thyroid 10(7): 525-526, July 2000.  OK (CVID): role of defective CD28 co-stimulation," Clin. Exp. Immunol. 120: 503-511, 2000.  OL Di Sabatino, A. et al., "Apoptosis and peripheral blood lymphocyte depletion in coeliac disease," Immunology 103: 435-440, 2001.  OM Dietrich, P-Y et al., "TCR analysis reveals significant repertoire selection during in vitro lymphocyte culture," International Immunology 9(8): 1073-1083, 1997.  PON Ebata, T. et al., "Rapid induction of CD95 ligand and CD4* T cell-mediated apoptosis by CD137 (4-1BB) costimulation," Eur. J. Immunol. 31(5): 1410-1416, May 2001.  DATE CONSIDERED		OE.									
Variant T Cell Receptor Ligands," Journal of Experimental Medicine 187(3): 349-355, February 2, 1998.  OG Creson, J. et al., "The Mode and Duration of Anti-CD28 Costimulation Determine Resistance to Infection by Macrophage-Tropic Strains of Human Immunodeficiency Virus Type 1 in Vitro," Journal Of Virology, 73(11):9337-9347, November 1999.  OH Dao, T. et al., "Natural Human Interferon-a Augments Apoptosis in Activated T Cell Line," Cellular Immunology 155: 304-311, 1994.  OI Davey, M.P. et al., "TCRB Clonotypes Are Present in CD4+ T Cell Populations Prepared Directly from Rheumatoid Synovium," Human Immunology 55: 11-21, 1997.  OJ Davies, T.F., "A new role for methimazole in autoimmune thyroid disease: inducing T cell apoptosis," Thyroid 10(7): 525-526, July 2000.  OK Di Renzo, M. et al., "Enhanced apoptosis of T cells in common variable immunodeficiency (CVID): role of defective CD28 co-stimulation," Clin. Exp. Immunol. 120: 503-511, 2000.  OL Di Sabatino, A. et al., "Apoptosis and peripheral blood lymphocyte depletion in coeliac disease," Immunology 103: 435-440, 2001.  OM Dietrich, P-Y et al., "TCR analysis reveals significant repertoire selection during in vitro lymphocyte culture," International Immunology 9(8): 1073-1083, 1997.  Ebata, T. et al., "Rapid induction of CD95 ligand and CD4* T cell-mediated apoptosis by CD137 (4-1BB) eostimulation," Eur. J. Immunol. 31(5): 1410-1416, May 2001.  EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in		OF									
Creson, J. et al., "The Mode and Duration of Anti-CD28 Costimulation Determine Resistance to Infection by Macrophage-Tropic Strains of Human Immunodeficiency Virus Type 1 in Vitro," Journal Of Virology, 73(11):9337-9347, November 1999.  OH Dao, T. et al., "Natural Human Interferon-a Augments Apoptosis in Activated T Cell Line," Cellular Immunology 155: 304-311, 1994.  OI Davey, M.P. et al., "TCRB Clonotypes Are Present in CD4+ T Cell Populations Prepared Directly from Rheumatoid Synovium," Human Immunology 55: 11-21, 1997.  OJ Davies, T.F., "A new role for methimazole in autoimmune thyroid disease: inducing T cell apoptosis," Thyroid 10(7): 525-526, July 2000.  OK Di Renzo, M. et al., "Enhanced apoptosis of T cells in common variable immunodeficiency (CVID): role of defective CD28 co-stimulation," Clin. Exp. Immunol. 120: 503-511, 2000.  OL Di Sabatino, A. et al., "Apoptosis and peripheral blood lymphocyte depletion in coeliac disease," Immunology 103: 435-440, 2001.  OM Dietrich, P-Y et al., "TCR analysis reveals significant repertoire selection during in vitro lymphocyte culture," International Immunology 9(8): 1073-1083, 1997.  Ebata, T. et al., "Rapid induction of CD95 ligand and CD4* T cell-mediated apoptosis by CD137 (4-1BB) costimulation," Eur. J. Immunol. 31(5): 1410-1416, May 2001.  *EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in		"		_	Ligands," J	Iournal of Experimenta	l Medicin	e 187(3): 3	49-355,		
Resistance to Infection by Macrophage-Tropic Strains of Human Immunodeficiency Virus Type 1 in Vitro," Journal Of Virology, 73(11):9337-9347, November 1999.  OH Dao, T. et al., "Natural Human Interferon-α Augments Apoptosis in Activated T Cell Line," Cellular Immunology 155: 304-311, 1994.  OI Davey, M.P. et al., "TCRB Clonotypes Are Present in CD4+ T Cell Populations Prepared Directly from Rheumatoid Synovium," Human Immunology 55: 11-21, 1997.  OJ Davies, T.F., "A new role for methimazole in autoimmune thyroid disease: inducing T cell apoptosis," Thyroid 10(7): 525-526, July 2000.  OK Di Renzo, M. et al., "Enhanced apoptosis of T cells in common variable immunodeficiency (CVID): role of defective CD28 co-stimulation," Clin. Exp. Immunol. 120: 503-511, 2000.  OL Di Sabatino, A. et al., "Apoptosis and peripheral blood lymphocyte depletion in coeliac disease," Immunology 103: 435-440, 2001.  OM Dietrich, P-Y et al., "TCR analysis reveals significant repertoire selection during in vitro lymphocyte culture," International Immunology 9(8): 1073-1083, 1997.  MIN ON Ebata, T. et al., "Rapid induction of CD95 ligand and CD4 <sup>+</sup> T cell-mediated apoptosis by CD137 (4-1BB) costimulation," Eur. J. Immunol. 31(5): 1410-1416, May 2001.  EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in		<u> </u>									
Type 1 in Vitro," Journal Of Virology, 73(11):9337-9347, November 1999.  OH Dao, T. et al., "Natural Human Interferon-α Augments Apoptosis in Activated T Cell Line," Cellular Immunology 155: 304-311, 1994.  OI Davey, M.P. et al., "TCRB Clonotypes Are Present in CD4+ T Cell Populations Prepared Directly from Rheumatoid Synovium," Human Immunology 55: 11-21, 1997.  OJ Davies, T.F., "A new role for methimazole in autoimmune thyroid disease: inducing T cell apoptosis," Thyroid 10(7): 525-526, July 2000.  OK Di Renzo, M. et al., "Enhanced apoptosis of T cells in common variable immunodeficiency (CVID): role of defective CD28 co-stimulation," Clin. Exp. Immunol. 120: 503-511, 2000.  OL Di Sabatino, A. et al., "Apoptosis and peripheral blood lymphocyte depletion in coeliac disease," Immunology 103: 435-440, 2001.  OM Dietrich, P-Y et al., "TCR analysis reveals significant repertoire selection during in vitro lymphocyte culture," International Immunology 9(8): 1073-1083, 1997.  MINON Ebata, T. et al., "Rapid induction of CD95 ligand and CD4* T cell-mediated apoptosis by CD137 (4-1BB) costimulation," Eur. J. Immunol. 31(5): 1410-1416, May 2001.  EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in		og		-							
Dao, T. et al., "Natural Human Interferon-α Augments Apoptosis in Activated T Cell Line," Cellular Immunology 155: 304-31-1, 1994.  Davey, M.P. et al., "TCRB Clonotypes Are Present in CD4+ T Cell Populations Prepared Directly from Rheumatoid Synovium," Human Immunology 55: 11-21, 1997.  Davies, T.F., "A new role for methimazole in autoimmune thyroid disease: inducing T cell apoptosis," Thyroid 10(7): 525-526, July 2000.  Di Renzo, M. et al., "Enhanced apoptosis of T cells in common variable immunodeficiency (CVID): role of defective CD28 co-stimulation," Clin. Exp. Immunol. 120: 503-511, 2000.  Di Sabatino, A. et al., "Apoptosis and peripheral blood lymphocyte depletion in coeliac disease," Immunology 103: 435-440, 2001.  Dietrich, P-Y et al., "TCR analysis reveals significant repertoire selection during in vitro lymphocyte culture," International Immunology 9(8): 1073-1083, 1997.  Ebata, T. et al., "Rapid induction of CD95 ligand and CD4+ T cell-mediated apoptosis by CD137 (4-1BB) eostimulation," Eur. J. Immunol. 31(5): 1410-1416, May 2001.  EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in					•	•			ency Virus		
Line," Cellular Immunology 155: 304-311, 1994.  Davey, M.P. et al., "TCRB Clonotypes Are Present in CD4+ T Cell Populations Prepared Directly from Rheumatoid Synovium," Human Immunology 55: 11-21, 1997.  Davies, T.F., "A new role for methimazole in autoimmune thyroid disease: inducing T cell apoptosis," Thyroid 10(7): 525-526, July 2000.  OK Di Renzo, M. et al., "Enhanced apoptosis of T cells in common variable immunodeficiency (CVID): role of defective CD28 co-stimulation," Clin. Exp. Immunol. 120: 503-511, 2000.  OL Di Sabatino, A. et al., "Apoptosis and peripheral blood lymphocyte depletion in coeliac disease," Immunology 103: 435-440, 2001.  OM Dietrich, P-Y et al., "TCR analysis reveals significant repertoire selection during in vitro lymphocyte culture," International Immunology 9(8): 1073-1083, 1997.  Ebata, T. et al., "Rapid induction of CD95 ligand and CD4+ T cell-mediated apoptosis by CD137 (4-1BB) costimulation," Eur. J. Immunol. 31(5): 1410-1416, May 2001.  EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in											
Line," Cellular Immunology 155: 304-311, 1994.  Davey, M.P. et al., "TCRB Clonotypes Are Present in CD4+ T Cell Populations Prepared Directly from Rheumatoid Synovium," Human Immunology 55: 11-21, 1997.  Davies, T.F., "A new role for methimazole in autoimmune thyroid disease: inducing T cell apoptosis," Thyroid 10(7): 525-526, July 2000.  Di Renzo, M. et al., "Enhanced apoptosis of T cells in common variable immunodeficiency (CVID): role of defective CD28 co-stimulation," Clin. Exp. Immunol. 120: 503-511, 2000.  Di Sabatino, A. et al., "Apoptosis and peripheral blood lymphocyte depletion in coeliac disease," Immunology 103: 435-440, 2001.  Dietrich, P-Y et al., "TCR analysis reveals significant repertoire selection during in vitro lymphocyte culture," International Immunology 9(8): 1073-1083, 1997.  Ebata, T. et al., "Rapid induction of CD95 ligand and CD4+ T cell-mediated apoptosis by CD137 (4-1BB) costimulation," Eur. J. Immunol. 31(5): 1410-1416, May 2001.  EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in		ОН		-		•	ptosis in	Activated 7	Γ Cell		
Directly from Rheumatoid Synovium," Human Immunology 55: 11-21, 1997.  Davies, T.F., "A new role for methimazole in autoimmune thyroid disease: inducing T cell apoptosis," Thyroid 10(7): 525-526, July 2000.  Di Renzo, M. et al., "Enhanced apoptosis of T cells in common variable immunodeficiency (CVID): role of defective CD28 co-stimulation," Clin. Exp. Immunol. 120: 503-511, 2000.  Di Sabatino, A. et al., "Apoptosis and peripheral blood lymphocyte depletion in coeliac disease," Immunology 103: 435-440, 2001.  Dietrich, P-Y et al., "TCR analysis reveals significant repertoire selection during in vitro lymphocyte culture," International Immunology 9(8): 1073-1083, 1997.  Ebata, T. et al., "Rapid induction of CD95 ligand and CD4 <sup>+</sup> T cell-mediated apoptosis by CD137 (4-1BB) costimulation," Eur. J. Immunol. 31(5): 1410-1416, May 2001.  EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in											
Davies, T.F., "A new role for methimazole in autoimmune thyroid disease: inducing T cell apoptosis," Thyroid 10(7): 525-526, July 2000.  OK  Di Renzo, M. et al., "Enhanced apoptosis of T cells in common variable immunodeficiency (CVID): role of defective CD28 co-stimulation," Clin. Exp. Immunol. 120: 503-511, 2000.  Di Sabatino, A. et al., "Apoptosis and peripheral blood lymphocyte depletion in coeliac disease," Immunology 103: 435-440, 2001.  Dietrich, P-Y et al., "TCR analysis reveals significant repertoire selection during in vitro lymphocyte culture," International Immunology 9(8): 1073-1083, 1997.  Ebata, T. et al., "Rapid induction of CD95 ligand and CD4 <sup>+</sup> T cell-mediated apoptosis by CD137 (4-1BB) costimulation," Eur. J. Immunol. 31(5): 1410-1416, May 2001.  DATE CONSIDERED  * EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in		Oı			•	<u>-</u>		•	s Prepared		
apoptosis," Thyroid 10(7): 525-526, July 2000.  OK  Di Renzo, M. et al., "Enhanced apoptosis of T cells in common variable immunodeficiency (CVID): role of defective CD28 co-stimulation," Clin. Exp. Immunol. 120: 503-511, 2000.  Di Sabatino, A. et al., "Apoptosis and peripheral blood lymphocyte depletion in coeliac disease," Immunology 103: 435-440, 2001.  OM  Dietrich, P-Y et al., "TCR analysis reveals significant repertoire selection during in vitro lymphocyte culture," International Immunology 9(8): 1073-1083, 1997.  Ebata, T. et al., "Rapid induction of CD95 ligand and CD4 <sup>+</sup> T cell-mediated apoptosis by CD137 (4-1BB) costimulation," Eur. J. Immunol. 31(5): 1410-1416, May 2001.  EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in											
Di Renzo, M. et al., "Enhanced apoptosis of T cells in common variable immunodeficiency (CVID): role of defective CD28 co-stimulation," Clin. Exp. Immunol. 120: 503-511, 2000.  OL Di Sabatino, A. et al., "Apoptosis and peripheral blood lymphocyte depletion in coeliac disease," Immunology 103: 435-440, 2001.  OM Dietrich, P-Y et al., "TCR analysis reveals significant repertoire selection during in vitro lymphocyte culture," International Immunology 9(8): 1073-1083, 1997.  Ebata, T. et al., "Rapid induction of CD95 ligand and CD4 <sup>+</sup> T cell-mediated apoptosis by CD137 (4-1BB) costimulation," Eur. J. Immunol. 31(5): 1410-1416, May 2001.  EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in		Oì					inyroid di	isease: ind	ucing I cell		
(CVID): role of defective CD28 co-stimulation," Clin. Exp. Immunol. 120: 503-511, 2000.  OL Di Sabatino, A. et al., "Apoptosis and peripheral blood lymphocyte depletion in coeliac disease," Immunology 103: 435-440, 2001.  OM Dietrich, P-Y et al., "TCR analysis reveals significant repertoire selection during in vitro lymphocyte culture," International Immunology 9(8): 1073-1083, 1997.  Ebata, T. et al., "Rapid induction of CD95 ligand and CD4 <sup>+</sup> T cell-mediated apoptosis by CD137 (4-1BB) costimulation," Eur. J. Immunol. 31(5): 1410-1416, May 2001.  EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in		-						hla imama			
Di Sabatino, A. et al., "Apoptosis and peripheral blood lymphocyte depletion in coeliac disease," Immunology 103: 435-440, 2001.  Dietrich, P-Y et al., "TCR analysis reveals significant repertoire selection during in vitro lymphocyte culture," International Immunology 9(8): 1073-1083, 1997.  Dietrich, P-Y et al., "TCR analysis reveals significant repertoire selection during in vitro lymphocyte culture," International Immunology 9(8): 1073-1083, 1997.  Ebata, T. et al., "Rapid induction of CD95 ligand and CD4 <sup>+</sup> T cell-mediated apoptosis by CD137 (4-1BB) costimulation," Eur. J. Immunol. 31(5): 1410-1416, May 2001.  EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in		ОК				=			- 1		
disease," Immunology 103: 435-440, 2001.  OM Dietrich, P-Y et al., "TCR analysis reveals significant repertoire selection during in vitro lymphocyte culture," International Immunology 9(8): 1073-1083, 1997.  Ebata, T. et al., "Rapid induction of CD95 ligand and CD4 <sup>+</sup> T cell-mediated apoptosis by CD137 (4-1BB) costimulation," Eur. J. Immunol. 31(5): 1410-1416, May 2001.  EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in		$\vdash$									
Dietrich, P-Y et al., "TCR analysis reveals significant repertoire selection during in vitro lymphocyte culture," International Immunology 9(8): 1073-1083, 1997.    March		OL					ipilocyte c	reprecion n	COCHAC		
Iymphocyte culture," International Immunology 9(8): 1073-1083, 1997.    M/> ON   Ebata, T. et al., "Rapid induction of CD95 ligand and CD4 <sup>+</sup> T cell-mediated apoptosis by CD137 (4-1BB) eostimulation," Eur. J. Immunol. 31(5): 1410-1416, May 2001.    EXAMINER   DATE CONSIDERED   10/16/06     * EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in						<del></del>	rtoire sele	ction durin	g in vitro		
EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in		ОМ							5		
EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in	Ma	ON							optosis by		
* EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in			CD137 (4-1B	B) eostimu	ation," Eu		110-1416,	May 2001	,		
	EXAMIN	MINER DATE CONSIDERED 60/16/06									
	* EXAMIN							citation if not in			

Sheet 16 of 26

FORM PTO-1449	EV.7-80) PATENT AND TRADEMARK OFFICE 980034.422C1 10/729,822											
(KEV./-80)		FAI	ENI AND INADE	IAIGK OFFICE			10/	129,822				
		SUPPLEMENT			APPLICANTS	•						
INF	ORM.	ATION DISCLOSU		ENT	Ronald Berenson et a	<u>.l.                                     </u>						
		(Use several sheets if ne	cessary)		FILING DATE	i		JP ART UNIT	•			
					December 5, 2003		163	2				
			U.S.	PATENT	DOCUMENTS	_						
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE		NAME	CLAS	s	SUBCLASS	FILING IF APPRO			
	PA							-		•		
			FOREI	GN PATE	NT DOCUMENTS							
		DOCUMENT NUMBER	DATE		COUNTRY		•		TRANSI	ATION		
	PB	NOMBER							1123	·		
	115		<u></u>	<u> </u>					L			
	r				or, Title, Date, Pertinent Pages, E		· 4	_1,	2.6			
MUS	PC	Ebert, O. et a			osis: induction by gene	transfe	er te	cnniques,	Gene			
					T cell expansion in my	elodysi	olasi	tic syndror	ne:			
	evidence for an autoimmune process," Leukemia Research 25: 1075-1083, 2001.											
	Fishman-Lobell, J. et al. "CD4 mAb induced apontosis of peripheral T cells:											
	PE   Fishman-Lobell, J. et al., "CD4 mAb induced apoptosis of peripheral 1 cells: multiparameter subpopulation analysis by flow cytometry using Attractors," J. Immunol.											
		Methods 257		-				-1010, 011				
				<u> </u>	Analysis of CD8 <sup>+</sup> T Cel	l Resp	onse	es to Mino	r			
	PF			-	ed in Graft-Versus-Hos	-						
		Immunology			'		,					
					luced apoptosis of peri	oheral	lvm	phocytes t	reated	with		
	PG				Investigational New Di							
					Treatment Regulates A							
	PH				troenterology 117: 107				,			
					hain repertoire in inclu				Tourne	al of		
	·PI ·	Neuroimmun			· · · · · · · · · · · · · · · · ·	oioii ö	ِ بِيَ	iny ogitis,	your in	0)		
	PJ	Goronzy and	Weyand, "7	Thymic fun	ction and peripheral T-	cell ho	med	stasis in r	heuma	toid		
		arthritis," Tr	ends in Imm	unology 22	(5): 251-255, May 200	1.			•			
	•				or Repertoire in Rheum		Arthi	ritis," Inter	n. Rev			
	PK	Immunol: 17		•								
					ell Lymphoproliferative	e Disor	ders	" Hemoto	logy 2	001		
	PL	259-281.	, 1 Oon		on Bymphopromoran v	Disor		, 110,,,,,,,	1089 2	001.		
			1 "04" 1 -4	·······································		1			CNIVO	20		
	PM				ell autoreactivity by ano			-				
	1		_		orthritis," Proceedings of	of the I	Vatio	onal Acade	emy of			
		Sciences 100							_			
LA /A	PN	Haegert, D.C	G. et al., "Do	es a shift ir	the T-cell receptor rep	ertoire	pre	cede the o	nset of	MS,"		
MB		Neurology 5.	3: 48 <i>5-</i> 490,	1999.						<u> </u>		
EXAMINE	R		1/18		DATE CONSIDERED	ľ	9	26/06				
*EXAMIN					I informance with MPEP 609. Draw with next communication to applic		ugh ci	itation if not in				

Sheet 17 of 26

FORM PTO-1449  U.S. DEPARTMENT OF COMMERCE ATTY. DOCKET NO. APPLICATION (REV.7-80)  PATENT AND TRADEMARK OFFICE 020034 422C1 10/720 8											
1		•				980034.422C1			ication no. 729,822		
						APPLICANTS		10,	725,022		
ŀ			SUPPLEMENT				1				
1	INF	ORM.	ATION DISCLOSU		ENT	Ronald Berenson et a	<u>.                                    </u>	r			
			(Use several sheets if neo	essary)	•	FILING DATE			UP ART UNIT		
						December 5, 2003		163	32		
				U.S.	PATENT	DOCUMENTS					
*EXAMI INITIA			DOCUMENT NUMBER	DATE		NAME	CLA	ss	SUBCLASS		DATE OPRIATE
		QA									_
				FOREI	GN PATE	NT DOCUMENTS					
			DOCUMENT NUMBER -	DATE		COUNTRY				TRANS	LATION NO
<u> </u>		QB								122	110
		1			L.					L	
						or, Title, Date, Pertinent Pages, E					
H	1/4	QС	-			ng in RA: evidence of	clona	exp	ansions in	periph	eral
						Dis. 57: 319-322, 1998.	21.4D			` A -A:	T L - 4 -
		QD	· ·	•	atform Process for the C						
Cells for the Treatment of Patients with Cancer and Immune Dysfunction," in of the 42 <sup>nd</sup> Annual Meeting of the American Society of Hematology, San France											ungs
١ ١			of the 42" A	nnual Meetii	ng of the Ai	merican Society of Hem	atolo	gy, S	San Francis	sco,	
			December 1-	5, 2000, vol	. 96, no. 11	, part 1, abstract # 3630	).				•
			Hashimoto,	Y. et al., "No	vel immur	osuppressive effect of	FK50	6 by	augmentat	tion of	T
		QE	· •	•		nol. 125(1): 19-24, July		•			
		QF	Hayashi and	Faustman, "	Implication	ns of altered apoptosis i	n dial	etes	mellitus a	nd	
		Ų٢				1/2): 31-45, 2001.					
	1	QG	Hildeman, D	.A. et al., "R	eactive Ox	ygen Species Regulate	Activ	atio:	n-Induced	T Cell	
		Ş	Apoptosis,"								
		QН	Holbrook, M	.R. et al., "R	estrictions	of T cell receptor β cha	in re	perto	ire in the p	eriphe	ral
		\ \	blood of patie	ents with sys	stemic lupu	is erythematosus," Ann.	Rhei	ım. L	Dis. 55: 62'	7-631,	
			1996.					-			
		QI	Holtzman, M	I.J. et al., "R	egulation o	of T cell apoptosis," Apo	optos	is 5(5	5): 459-47	1, 2000	).
· · · ·	+		Husehekk A	et al "Sel	ection and	expansion of T cells fro	m un	trèat	ed nationts	with (	יווי.
i		Q١				aution," Cytotherapy 2(3				, with (	JLL.
						enic Stimulation Determ				ve and	
		QK			-	5, January 1998.	111103	1110 1	aic of Ivai	ve and	
<del> </del>	+						T		Dilia	Cib	-:- 22
		QL				n the Liver of Patients	wim i	mma	ну випагу	Cimno	S15,"
Human Immunology 61: 675-683, 2000. Ino, K. et al., "Activation-induced T cell apoptosis by monocytes from stem cell produc											
		QM				cell apoptosis by mone <i>I</i> : 1307-1319, 2001.	ocytes	itoi	ii stem cel	ı proav	icis,"
Α.	A /4	0);				gens, IL-2 and Anti-CD	3 Ant	ibod	y on the T	-Cell	-
<u> </u>	14	QN				Immunol 43: 652-661,			-		
EXAMINER DATE CONSIDERED W/14/9C									•		
* EXA	MINI	ER:	Initial if reference consider	ed, whether or not	criteria is in co	nformance with MPEP 609. Draw	line thr	ough ci	itation if not in		
L			conformance and not consi	idered. Include co	py of this form	with next communication to applic	ant(s).	J 2.			

					•	Sheet_	<u>18</u> of <u>26</u>	•							
FORM PTO-1449	)		DEPARTMENT OF		ATTY. DOCKET NO.		LICATION NO.								
(REV.7-80)		PATE	ENT AND TRADEN	MARK OFFICE	980034.422C1	10	/729,822								
		SUPPLEMENT			APPLICANTS	•									
INFO	ORM.	ATION DISCLOSUI  (Use several sheets if nece		ENT	Ronald Berenson et a		NID ADTIBUT	-							
		(OSC SEVERAL SIECES II INCO	.3361 7 )		December 5, 2003	16	OUP ART UNIT								
			II C	D A TENT		110	J2								
*EXAMINER		DOGULES TO VILLED		PATENT	DOCUMENTS	CLASS	SUBCLASS	FILING	DATE						
INITIAL		DOCUMENT NUMBER	DATE		NAME .		30000	IF APPR	OPRIATE						
	RA					L	<u> </u>	<u></u>							
	_	•	FOREI	GN PATE	NT DOCUMENTS										
		DOCUMENT NUMBER	DATE		COUNTRY			TRANS	LATION						
	RB							1	1.0						
	Λ.Β.	<u> </u>				i i		<u> </u>	<u> </u>						
	,	Ol	THER ART	(Including Auth	or, Title, Date, Pertinent Pages, E	ic.)		. <b></b>							
	RC				nent of Freshly Harveste										
4.					ications," in <i>Proceeding</i>										
the American Society of Hematology, San Francisco, December 1-5, 2000, vol. 96, no. 11,															
		part 2, abstrac													
	RD	1	•	-	rine Production Profile		-								
			. —	_	of T Cells from Newly	_									
		1997.	Sumulation	i with p-ce	ll Antigens," Journal o	Autotmn	iunity 10(0	). 369-	390,						
	RE	Kang, J-A. et	al., "Clonal	Expansio	n of Infiltrating T Cells	in the Sp	inal Cords	of SJL	/J						
	, N.				" The Journal of Immu										
	RF				Γ-cell repertoire is cons										
		underlying th 2620, Octobe		sis of paro	xysmal nocturnal hemo	oglobinum	a," Blood 9	76(7): 2	2613-						
				For of CDA	O-Ligand Induces Autol	ogous Im	muna Dago	mitio	n of:						
	RG				Cells," J. Clin. Invest.	_		_							
					ent in chronic lymphoc										
	RH				tients: impact on clona										
		Journal of Ho													
	RI	Kim, G. et al.	, "CDR3 Si	ze Spectra	typing and Sequencing	-									
		· · -		utoimmun	e Encephalomyelitis," 7	The Journ	al of Immu	nology	160:						
		509-513, 199			T 11 ' 1 .'										
	เม			_	uman T-cells: inductio o," <i>J. Biol. Regul. Hom</i>										
					s in patients with rheum										
	RK	Acad. Sci. 97							•						
MO	RL	Kolowos, W.	et al., "Det	ection of re	estricted junctional dive	rsity of p	eripheral T	cells i	n						
•		SLE patients	by spectraty	ping," Lup	ous 6: 701-707, 1997.										
EXAMINE	K	. //	1/10		DATE CONSIDERED	101	14,06								
* EXAMINI	CD				Informance with MPEP 609. Draw		1/10								

.

Sheet 19 of 26

					T						
	DRM PTO-1449  U.S. DEPARTMENT OF COMMERCE  EV.7-80)  PATENT AND TRADEMARK OFFICE  980034.422C1  APPLICATION NO.  10/729,822										
(REV./-00)		••••					10/	129,822			
		SUPPLEMENT			APPLICANTS	•					
INFO	)RM	ATION DISCLOSU		ENT	Ronald Berenson et a	1.					
		(Use several sheets if neo	essary)		FILING DATE	-	•	UP ART UNIT			
					December 5, 2003		163	0.2	<del></del>		
			U.S.	PATENT	DOCUMENTS			<b>,</b>			
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	•	NAME .	CLA	ASS	SUBCLASS	FILING IF APPRO		
	SA	-									
	L		FOREI	GN PATE	NT DOCUMENTS				<u> </u>		
		DOCUMENT	DATE		COUNTRY				TRANSI	ATION	
•		NUMBER	DATE						YES	NO	
	SB				<u> </u>						
		O.	THER ART	or, Title, Date, Pertinent Pages, E	ic.)						
	sc		•	-	ression correlates with						
MUS	SC	lymphocyte	activation an	d is found	preferentially in memor	ry T c	ells,	' Immunol	ogy Lei	tters	
1 (1/2		<i>76</i> : 169-173,	2001.								
1	Krawczyk, C. et al., "Cbl-b Is a Negative Regulator of Receptor Clustering and Raft										
		Aggregation	in T Cells,"	Immunity	13: 463-473, October 2	000.					
	SE	Lamy and Lo	oughran, "La	rge Granul	lar Lymphocyte Leuken	nia," (	Canc	er Control	5(1): 2	25-33,	
		1998. Avail									
	SF	•	•		lective expansion of all unol. 52(1): 21-28, Apr	_	-	ific T cells	from		
	·sg	Lanzavecchi	a, A., "The I	Role of De	ndritic Cells in the Gene	eratio	n of	Effector ar	nd Men	nory T	
		Cell Respons	ses," from T	he Midwini	ter Conference of Immu	nolog	zists,	January 2	2-25, 2	000,	
	•	available at y	www.midwc	<u>onfimmun</u>	ol.org/Midwinter00/ses	sions	/lanz	avecchia.h	tml.		
	SH	Larsson, S. e	t al., "Produ	ctive Cyto	megalovirus (CMV) Inf	fection	n Ex	clusively in	n CD13	3-	
	3n		•	-	clear Cells from CMV-I			-			
		f I	_		bruary 15, 1998.	*			•	•	
					ation of Cellular Media	ted C	vtoto	xicity, T C	Cell	<u>-</u>	
	SI	, ,	•	•	is Related Gene Expres		-				
					le Clinical Relevance,"					)93-	
		1100, 2000.	•								
	c.			eterminant	spreading and the dyna	mics	of th	e autoimn	une T-	cell	
	SJ				5): 203-208, 1993.						
	SK.				t and Ex Vivo CD4 <sup>+</sup> T	Cell I	rolif	eration in	HIV-		
	21	Positive Pati	ents as a Res	sult of CD2	28 Costimulation," Scie	nce 2	72: 1	939-1943	June 2	28,	
		1996.									
	SL	Levings, M.K	. et al., "Hum	an CD25 <sup>+</sup> (	CD4 <sup>+</sup> T regulatory cells si	uppres	ss naï	ve and men	nory T	cell	
Mr	ا ا				itro without loss of functi				-		
1 (1	1302, June 2001.										
EXAMINE	R	1	100	_	DATE CONSIDERED			Indo	_		
			110				le	1/24/00			
* EXAMIN	ER:		-		onformance with MPEP 609. Draw		rough c	itation if not in	*		

Sheet 20 of 26

FORM PT					DEPARTMENT OF		ATTY. DOCKET NO.		APPL	ICATION NO.		
(REV.7-80	0)			РАТТ	ENT AND TRADEM	ARK OFFICE	980034.422C1		10/	729,822		
				SUPPLEMENT	AL .		APPLICANTS	_				
	INFO	)RM	ATI(	ON DISCLOSU	RE STATEM	ENT	Ronald Berenson et a	<u>l</u>				
			J)	Use several sheets if nece	essary)		FILING DATE			UP ART UNIT		1
	-						December 5, 2003		163	32		
					U.S.	PATENT	DOCUMENTS					
•EXAMI INITIA			DOC	CUMENT NUMBER	DATE		NAME	CL/	ss	SUBCLASS	FILING IF APPRO	
		TA			•							
					FOREI	GN PATE	NT DOCUMENTS					
				DOCUMENT NUMBER	DATE		COUNTRY				TRANSI YES	NOITA ON
		тв										
OTHER ART (Including Author, Title, Date, Pertin								(c.)				
Li, Q. et al., "Expanded Tumor-reactive CD4 <sup>+</sup> T-Cell Responses to Human Cancers Induced by												
M	Secondary Anti-CD28 Activation," Clinical Cancer Research 5: 461-469, February 1999.											
7 4	//											
Li, Q. et al., "Immunological Effects of BCG as an Adjuvant in Autologous Tumor Vaccines,"												
				Clinical Immu							. 10	
		TE					Shared by Oligoclonal Rh					
				2531, Decemb		igen-ariven	Response," Journal of C	iinica	i inve	esugation 9	4. 2323	-
		7.				mulatory ap	proaches to adoptive imr	nunot	herap	y," Current	Opinio	n in
		TF		Oncology 10:	533-541, 199	8.						
•		TG		Lim, A. et al., Immunology 4			ll Expansions in Rheuma	toid A	rthrit	is Patients,	' Huma	n
							y of T Cell Receptor Rep	ertoir	e Usa	ge during L	ympho	cytic
		TH					lice," Journal of Experim			-		- 1
				2005, Decemb						· -		
	(i) <b>-</b> -	TI		•	•		Proliferation and Plaque	Instab	ility.i	in.Acute Co	ronary .	
				Syndromes,"				. 1			11	
		TJ					IL-12 provided by activat neer Immunoth					ne in
	-	-	$\vdash$				Cell Receptor Repertoir o					
	1	TΚ					ted Vα/β Rearragements					
	1						gation 91: 2880-2886, Jun					
							ell Therapy in Leukemia,"			f Hematothe	erapy &	Stem
		TL		Cell Research	<i>10</i> : 493-500	, 2001.						
		ТМ			•	-	and Autoimmune Thy				osts for	T-
	1	<u> </u>	<u> </u>				ern. Rev. Immunol. 18:					
	1	TN		Martin, R. et	al., "Divers	ity in fine	specificity and T cell re	cepto	r usa	ige of the h	uman (	CD4
1	12						or the immunodominan				n peptio	de
	87-100, Journal of Ammunology 140(3): 1339-1300, Water 1, 1992.											
EXA	MINE	K			1105		DATE CONSIDERED		12	0/14/01	2	
* EXA	MIN						onformance with MPEP 609. Draw with next communication to appli		rough	itation if not in	•	

Sheet 21 of 26

	FORM PTO-1449  U.S. DEPARTMENT OF COMMERCE ATTY. DOCKET NO. APPLICATION NO. PATENT AND TRADEMARK OFFICE 980034.422C1 10/729,822										
(KEV.7-60)		TAIL! AND TAI	DEVIAIGE CITICE			10/	129,822				
		SUPPLEMENTAL		APPLICANTS							
INF	ORM.	ATION DISCLOSURE STATE	EMENT	Ronald Berenson et a	u.						
		(Use several sheets if necessary)		FILING DATE			JP ART UNIT				
		<u> </u>		December 5, 2003	i	163		<u>.</u>			
···	<del>,</del>	Ų	S. PATENT	DOCUMENTS	,			· 			
*EXAMINER INITIAL		DOCUMENT NUMBER DATE		NAME	CLAS	ss	SUBCLASS		DATE OPRIATE		
	UA	,									
		FOR	EIGN PATE	NT DOCUMENTS							
		DOCUMENT DATE		COUNTRY		_		TRANS YES	LATION		
	UB										
:	<u> </u>					-		l	·		
OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)											
McCarty, M.F., "Upregulation of lymphocyte apoptosis as a strategy for preventing and treating autoimmune disorders: a role for whole-food vegan diets, fish oil and dopamine											
MB				_		s, Iis	in oil and o	iopam	ine		
1	+			258-275, August 2001.		<del></del>	· · · · · ·	1 1			
McFarland, H.I. et al., "Amelioration of Autoimmune Reactions By Antigen-Induced											
Apoptosis of T Cells," Adv. Exp. Med. Biol. 383:157-166, 1995.  McIntosh and Drachman, "Induction of Apoptosis in Activated T Cell Blasts by											
	UE		•	n of Apoptosis in Activible Immunotherapeutic			•		c		
			_	munology 193: 24-35, 1		oacn	i ioi Treau	nent o	1		
				the T Cell Receptor Va		toire	in Hachir	noto's			
	UF		•	icted Accumulation of	-						
				of Clinical Endocrinolo							
		1146, 1997.	ni, oournai (	y Cilmeal Bhaoci more	g <i>y                                    </i>	• 1,10		2(1).			
	UG	Melms, A. et al., "Spe	cific immune	complexes augment in	vitro a	acety	lcholine r	ecepto	r-		
				ology 43: 583-588, Mar							
	UH-			Enhances Apoptosis of							
			ulation of Bc	l-x <sub>L</sub> ," Transplantation (	58(7):	1018	8-1023, O	ctober	15,		
	-	1999.									
	וט		_	gene rearrangements of		-	•	_			
		3	-	nd primary biliary cirrho	-		: oligoclo	nality	of		
	<b> </b>			Immunol. 20: 889-896,							
	υJ			pertoire of Infiltrating			•				
	Sjögren's Syndrome Patients with Interstitial Nephritis," The Journal of Immunology 155:										
	-	4084-4089, 1995.	11:-:1 (2)	en e	•		0 1 :	337*-1			
	UK			ing of Psoriasis by 6-Th	_				<b>.</b>		
Mp		1999.	ietion via Ap	optosis," Arch. Dermat	oi. 132	); 14	193-1302,	Decem	iber		
EXAMIN	XAMINER DATE CONSIDERED 10/14/06										
* EXAMIN	AMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include conv of this form with next communication to applicant(s).										

Sheet 22 of 26

				<del></del>		1 22 01 20					
FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE			ATTY, DOCKET NO. APPLICATION NO.								
(REV.7-80) PATENT AND TRADEMARK OFFICE				980034.422C1 10/729,822							
		SUPPLEMENTAL	SUPPLEMENTAL			APPLICANTS ·					
INF	ORM.	ATION DISCLOSURE STATEMEN	NT	Ronald Berenson et al.							
		(Use several sheets if necessary)	FILING DATE	G	ROUP ART UNIT						
i				December 5, 2003	1	632					
		U.S. P	ATENT	DOCUMENTS							
*EXAMINER INITIAL		DOCUMENT NUMBER DATE	NAME		CLASS SUBCLASS		FILING DATE IF APPROPRIATE				
1	VA										
		FOREIG	N PATE	NT DOCUMENTS							
		DOCUMENT DATE		COUNTRY	- 1		TRANSLATION YES NO				
		NOWBER	YES								
	VB						<u> </u>				
				or, Title, Date, Pertinent Pages, E							
	vc	Musette, P. et al., "Expansi	ion of a r	ecurrent Vβ5.3 <sup>+</sup> T-cell	populat	ion in newly	diagnosed				
MIS	1	and untreated HLA-DR2 m	nultiple s	clerosis patients," Proc.	Natl. A	cad. Sci. 93:	12461-				
בקויו		12466, October 1996.									
	77	Nagahara, Y. et al., "Evide	nce that I	FTY720 induces T cell	apoptos	is in vivo,"					
	VD	Immunopharmacology 48:	75-85, 20	000.		,	·				
	VE	Nakashima, M. et al., "The	Role of	T Cells Expressing TcF	R Vβ13	in Autoimm	une				
	1	Thyroiditis Induced by Tra	nsfer of l	Mouse Thyroglobulin-A	ctivate	d Lymphocyt	tes:				
		Identification of Two Com	mon CD	R3 Motifs;" Clinical Im	munolo	gy and					
	L	Immunopathology 80(2): 2	Immunopathology 80(2): 204-210, August 1996.								
	VF	Namekawa, T. et al., "Killer Cell Activating Receptors Function as Costimulatory									
	V.	•	Molecules on CD4 <sup>+</sup> CD28 <sup>null</sup> T Cells Clonally Expanded in Rheumatoid Arthritis," <i>The</i>								
		Journal of Immunology 165: 1138-1145, 2000.									
					HIV-1	evolution du	ring				
	VG		Nijhuis, M. et al., "Stochastic processes strongly influence HIV-1 evolution during suboptimal protease-inhibitor therapy," <i>Proc. Natl. Acad. Sci. USA 95</i> : 14441-14446,								
		November 1998.									
		Nikolic-Paterson, D.J. et al	"T Cal	1 Specific Thorony in A	utoimn						
	VH						Doomhor				
		Glomerulonephritis," American Journal of Kidney Diseases 38(6): 1321-1328, December 2001.									
		Nomura, Y. et al., "Twenty	-five trm	es of T cell recenter V	famile	ranartaira i-	nationta				
	VI					reperione n	i patients				
with Kawasaki syndrome," Eur. J. Pediatr. 157: 981-986, 1998. O'Reilly and Strasser, "Apoptosis and autoimmune disease," Inflamm. Res. 48: 5-21,											
	ιv	O Kemy and Strasser, Ap	optosis a		, injia	nın. Kes. 48.	J-21, 1999.				
	νĸ	Ogura and Handa, "Inducti	on of apo	optosis by novel synthes	sized ac	ylamides of	human				
	4 K	lymphocytes," Biochimica	et Biophy	ysica Acta 1483: 111-1	18, 2000	)					
		Okamoto, R. et al., "T Cell	Reperto	ir in Primary Biliary Ci	rrhosis:	A Common	T Cell				
MB	VL		Clone and Repertoire Change After Treatment," Journal of Clinical Immunology 21(4):								
114		278-285, 2001.		:							
EXAMINE	R	MX		DATE CONSIDERED	1.	118/81					
		1100			- 10	90/00					
* EXAMIN		Initial if reference considered, whether or not cr				h citation if not in					

					Sheet <u>23</u> of <u>26</u>						
FORM PTO-1449 U.S. DEPARTMENT OF COMMERCE					ATTY, DOCKET NO.	1	PLICATION NO.	•			
(REV.7-80) PATENT AND TRADEMARK OFFIC					980034.422C1 10/729,822						
		SUPPLEMENT	`AL	APPLICANTS							
INF	ORM/	ATION DISCLOSU		Ronald Berenson et al.							
		(Use several sheets if nec	essary)		FILING DATE				•		
					December 5, 2003	10	532				
			U.S.	PATENT	DOCUMENTS						
*EXAMINER INITIAL		DOCUMENT NUMBER	DATE		NAME	CLASS SUBCLASS		FILING DATE IF APPROPRIATE			
	WA										
-			FOREI	GN PATE	NT DOCUMENTS			•			
· · · · · · · · · · · · · · · · · · ·	·	DOCUMENT NUMBER	DATE		COUNTRY			TRANS	LATION		
<del>-</del>	WB										
			EVEN ADT		· · · · · · · · · · · · · · · · · · ·		<del></del>	<b>!</b>	L		
		·			or, Title, Date, Pertinent Pages, E			<del></del>			
Mp	wc				diversity of T cell receptor				essea		
/ (p		<del></del>			patients," Clin. Exp. Imr. t lymphocyte apoptosis ir						
1	wb	Transplant Pr				iduced by	memonexa	i <b>c</b> ,			
	Н				TCR Repertoire Inhibits	the Deve	lonment of N	1emory	T		
	WE				or Mice," The Journal of I						
							perdition," Current Opinion in				
	WF	Hematology 9				. •	•	•			
	wg		twack, "Gluco	ocorticoid-i	nduced apoptosis in lymp 2000.	hocytes,'	' Biochem. B	iophys.	Res.		
	wH	Polanski, M. e	Polanski, M. et al., "Xcellerate(: A Closed, Scalable Process for the GMP Manufacture of Stable								
	""	Activated T C	Activated T Cells," in Proceedings of the 15th Annual Scientific Meeting of the Society for								
		<b>!</b>	Biological Therapy, Seattle, October 26-29, 2000, and Journal of Immunotherapy, (23)5:599,								
		September 20		, 00.000. 2		<i>y</i>	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	,,0.0,0,	•		
				of conserv	ed TCR VDI rearrangem	ents in ch	ronic neorial	ic place	100		
	Prinz, J.C. et al., "Selection of conserved TCR VDJ rearrangements in chronic psoriatic place indicates a common antigen in psoriasis vulgaris," Eur. J. Immunol. 29: 3360-3368, 1999.										
	H				soriasis skin lesions can p				ation		
	ן נש		-	•	Immunol. 24: 593-598, 19						
	2006	Qiao, L. et al.	"T cell recep	otor reperto	ire and mitotic responses	of lamina	propria T ly	mphoc	ytes		
	WK	in inflammato	ry bowel dise	ase," Clin.	Exp. Immunol, 97(2): 303	3-308, Au	gust 1994.				
	WL	Ranheim and	Kipps, "Activ	ated T Cell	s Induce Expression of B	7/BB1 or	Normal or I	Leukem	ic B		
	"	Cells through	a CD40-depe	ndent Signa	al," J. Exp. Med. 177: 925	5-935, Ap	ril 1993.				
	wм		Ravirajan, C.T. et al., "Apoptosis in Human Autoimmune Diseases," Intern. Rev. Immunol. 18:								
			Rawlings, S.L. et al., "Spontaneous apoptosis in lymphocytes from patients with Wiskoot-Aldrich								
	WN	syndrome: co 3872-3882, D			ell death and attenuated l	ocl-2 exp	ression," Blo	od 94(1	1):		
NB	wo	Renz, H. et al.	, "T cell rece	ptor-Vβ rep	pertoire in allergen-specif	ic sensitiz	ation and in	creased			
		airway respon	siveness," All	tergy 50(su	ppl. 25): 15-19, 1995.		, ,	<del> </del>			
EXAMINE	:К 		1		DATE CONSIDERED	10	/20/01				
* EXAMIN					enformance with MPEP 609. Draw		citation if not in				

Sheet 24 of 26

					Sneet <u>24</u> 01 <u>26</u>						
FORM PTO-1449		U.S. DEPARTMENT OF COMMERCE			ATTY, DOCKET NO. APPLICATION NO.						
(REV.7-80)		PATI	ENT AND TRADEM	IARK OFFICE	980034.422C1 10/729,822						
		SUPPLEMENTAL			APPLICANTS						
INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)					Ronald Berenson et a	1.					
					FILING DATE		GROUP ART UNIT				
					December 5, 2003		1632				
			U.S.	PATENT	DOCUMENTS						
*EXAMINER INITIAL		DOCUMENT NUMBER DATE			NAME CL		S SUBCLASS		DATE OPRIATE		
	ХА										
	<u> </u>		FOREI	GN PATE	NT DOCUMENTS			•	•		
		DOCUMENT NUMBER	DATE		COUNTRY				LATION		
	VP	NUMBER					•	YES	NO		
	ХВ	L		*		<del></del>		1	<u> </u>		
	·				or, Title, Date, Pertinent Pages, E						
	хс				tion of the T Cell Reperto		-	-	-		
MB		and its Possibl	e Implement	ation in Cli	nical Practice," Current N	10lecul	ar Medicine 1 	297-30	14,		
	.,_	Riddell, S.R. e	t al., "T-Cell	Therapy of	f Leukemia," Cancer Con	trol 9(2	2): 114-122, M	arch/Ap	oril		
	XD	2002.					•				
	XE		Rodriguez-Palmero, M. et al., "Triggering of T cell proliferation through CD28 induces GATA-3								
	\^E	_	and promotes T helper type 2 differentiation in vitro and in vivo," Eur. J. Immunol. 29(12): 3914-								
		3924, Decemb									
	ХF	1020-1023, 19	Sasajima, K. et al., "Detection of T cell Apoptosis after Major Operations," Eur. J. Surg. 165: 1020-1023, 1999.								
	хG	Schmidt, D. et Medicine 2(5)		•	CD4 <sup>+</sup> CD28 <sup>-</sup> T Cells in R 196.	heumat	oid Arthritis,"	Molecu	ılar		
	хн	Schmidt. J. et	al., "T-cell a	poptosis in	situ in experimental autoi						
	^''				erapy," Brain 123(pt. 7):						
	XI		Schneider, C. et al., "Experimental autoimmune myositis in the Lewis rat: lack of spontaneous T-								
			cell apoptosis and therapeutic response to glucocorticosteroid application," Journal of								
			Neuroimmunology 107: 83-87, 2000.  Shimizu, N. et al., 'Large-Scale ex Vivo Expansion of Primary T Lymphocytes in Late-Stage AIDS								
.	χj				o Expansion of Primary 1 Retroviruses 16(6): 611-6			e-Stage	AIDS		
	+				iferation from kidney allo			remark	able		
	хк				roblem," Transplantation						
					Killer Ig-Like Receptor F						
	XL				8: 3839-3846, 2002.	toporto.		J	•		
	<del>                                     </del>					euritis a	and multiple so	elerosis:	T		
	XM	Söderström, M. et al., "Autoimmune T cell repertoire in optic neuritis and multiple scle cells recognizing multiple myelin proteins are accumulated in cerebrospinal fluid," <i>Jou</i>									
'		_	Neurolgy, Neurosurgery, and Psychiatry 57: 544-551, 1994.								
	\war-	Stahnke, K. et	al., "Activat	ion of apop	tosis pathways in periphe		od lymphocyte	s by in v	vivo		
	XN		chemotherapy," Blood 98(10): 3066-3073, November 15, 2001.								
	xo		Stohl, W. et al., "Polyclonal in Vitro T Cell Proliferation and T Cell-Dependent B Cell Differentiation Supported By Activated Autologous B Cells," Clinical Immunology and								
Mp	~~										
DV 43 (D =		Immunopatho	logy 72(1): 4	4-52, July 1			1				
EXAMIN	EK	//	112		DATE CONSIDERED		16/ 92/19				
A P34	· Cr		,		1		1/10				
* EXAMIN					onformance with MPEP 609. Draw		ugh citation if not i	n			

Sheet 25 of 26

SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT (Use several sheets if necessary)  SUS. PATENT DOCUMENTS  EXAMINER INITIAL  YA  DOCUMENT NUMBER  DATE  POREIGN PATENT DOCUMENTS  FOREIGN PATENT DOCUMENTS  FOREIGN PATENT DOCUMENTS  OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)  Strauss, G. et al., "Induction of apoptosis and modulation activation and effector function in T cells by immunosuppressive drugs," Clin Exp. Immunol. 128: 255-266, 2002.						Sheet 25 of 26							
SUPPLEMENTAL INFORMATION DISCLOSURES STATEMENT (Use several sheets if necessary)  U.S. PATENT DOCUMENTS  PILNG DATE December 5, 2003    1632    U.S. PATENT DOCUMENTS   DOCUMENT NUMBER   DATE    FORM PTO-1449						ATTY, DOCKET NO. APPLICATION NO.							
Ronald Berenson et al.  RINFORMATION DISCLOSURE STATEMENT  (Use several threats if necessary)  U.S. PATENT DOCUMENTS    CASS   SUBCLASS   FILING DATE	(REV.7-80)			PATENT AND TRADEMARK OFFICE			980034.422C1 10/729,822						
U.S. PATENT DOCUMENTS  FOREIGN PATENT DOCUMENTS  OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)  W. Strauss, G. et al., "Induction of apoptosis and modulation activation and effector function in T cells by immunosuppressive drugs," Clin Exp. Immunol. 128: 255-266, 2002.  Takemura, S. et al., "To cell Activation in Rheumatoid Synovium Is B Cell Dependent," The Journ of Immunology 167: 4710-4718, 2001.  YE Tao, Q. et al., "Conservation of Epstein-Barr Virus Cytotoxic T-Cell Epitopes in Posttransplant Lymphomas. Implications for Immune Therapy," American Journal of Pathology 160(5): 1839-1845, May 2002.  YE Tokushige, K. et al., "Ahonormal T Cell Activation and Skewed T Cell Receptor VB Repertoire Usage in Japanese Patients with Idiopathic Portal Hypertension," Clinical Immunology and Immunopathology 73(3): 206-213, 1995.  YG Trickett, A. et al., "Ext vivo expansion of functional T lymphocytes from HIV-infected individuals," Journal of Immunological Methods 262: 71-83, 2002.  YI Vathsala, A. et al., "Inhibition of Apoptosis in Anti-CD3-Treated Peripheral Blood Lymphocytes by Immunosuppressive Drugs," Transplantation Proceedings 32: 1992-1994, 2000.  YI Vavassori, M. et al., "Restricted TCR Repertoire and Long-Term Persistence of Donor-Derived Antigen-Experienced CD4" T Cells in Allogencie Bone Marrow Transplantation Recipients," The Journal of Immunology 157: 5739-5747, 1996.  YA Warrington, K.J. et al., "Other CD4-CD28-T Cells in Rheumatoid Arthritis Patients Combine Feature of the Innate and Adaptive Immune Systems," Arthritis & Rheumatism 44(1): 13-20, January 2001.  YA Weishaupt, A. et al., "The Foles of Fas, Fas ligand and Bcl-2 in T cell apoptosis in the central nervows system in experimental autoimmune neuritis with recombinant myelin protein Proc.	SUPPLEMENTAL						APPLICANTS						
U.S. PATENT DOCUMENTS    U.S. PATENT DOCUMENTS   U.S. SUBCLASS   FILING DATE   NAME   CLASS   SUBCLASS   FILING DATE   VARIABLE   VA							Ronald Berenson et a	<u>l.                                    </u>					
U.S. PATENT DOCUMENTS    DOCUMENT NUMBER   DATE   NAME   CLASS   SUBCLASS   PLING DATE				(Use several sheets if necessary	FILING DATE		GRO	UP ART UNIT					
FOREIGN PATENT DOCUMENTS  FOREIGN PATENT DOCUMENTS  OTHER ART (Including Author, Title, Date, Pertinent Page, Etc.)  NUMBER  VC  Strauss, G. et al., "Including of apoptosis and modulation activation and effector function in T cells by immunosuppressive drugs," Clin Exp. Immunol. 128: 255-266, 2002.  Takemura, S. et al., "T Cell Activation in Rheumatoid Synovium Is B Cell Dependent," The Journ of Immunology 167: 4710-4718, 2001.  YE  Tao, Q. et al., "Conservation of Epstein-Barr Virus Cytotoxic T-Cell Epitopes in Posttransplant Lymphomas. Implications for Immune Therapy," American Journal of Pathology 160(5): 1839-1845, May 2002.  YF  Tokushinge, K. et al., "Abnormal T Cell Activation and Skewed T Cell Receptor VB Repertoire Usage in Japanese Patients with Idiopathic Portal Hypertension," Clinical Immunology and Immunopathology 75(3): 206-213, 1995.  YG  Trickett, A. et al., "Ex vivo expansion of functional T lymphocytes from HIV-infected individuals," Journal of Immunological Methods 262: 71-83, 2002.  Yahsala, A. et al., "Inhibition of Apoptosis in Anti-CD3-Treated Peripheral Blood Lymphocytes by Immunosuppressive Drugs," Transplantation Proceedings 32: 1992-1994, 2000.  Yahsalor, M. et al., "Restricted TCR Repertoire and Long-Term Persistence of Donor-Derived Antigen-Experienced CD4* T Cells in Allogeneic Bone Marrow Transplantation Recipients," The Journal of Immunology 157: 5739-5747, 1996.  Yahigion, K.J. et al., "CD4+, CD28- T Cells in Rheumatoid Arthritis Patients Combine Features of the Innate and Adaptive Immune Systems," Arthritis & Rheumatism 44(1): 13-20, January 2001  YK  Weishaupt, A. et al., "Antigen therapy eliminates T cell inflammation by apoptosis: effective treatment of experimental autoimmune neuritis with recombinant myelin protein P2," Proc. Natl. Acad. Sci. USA 94(4): 1338-1343, February 1997.  Weishaupt, A. et al., "The roles of Fas, Fas ligand and Bcl-2 in T cell apoptosis in the central nervous system in experimental autoimmune encephalomyelitis," Journal of Neuroimmunology 82-1544.		·		·			December 5, 2003		163	2			
FOREIGN PATENT DOCUMENTS    PAPEROPRAT   PATE   COUNTRY   PATE	_				U.S.	PATENT	DOCUMENTS						
POREIGN PATENT DOCUMENTS   TRANSLATION   TRANSLATION   YES   NO				DOCUMENT NUMBER	JMBER DATE		NAME	CLASS SUBCLASS		SUBCLASS			
OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)  **PO OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)  **PO OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)  **PO OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)  **PO OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)  **PO OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)  **PO OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)  **PO OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)  **PO OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)  **PO OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)  **PO OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)  **PO OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)  **PO OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)  **PO OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)  **PO OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)  **PO OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)  **PO OTHER ART (Including Author, Title, Date, Etc.)  **PO OTHER ART (Including Author, Pages, Etc			YA										
OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)  NOTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)  NOTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)  NOTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)  NOTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)  NOTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)  NOTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)  NOTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)  NOTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)  NOTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)  NOTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)  NOTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)  NOTHER ART (Including Author, Title, Date, Pages, Etc.)  NOTHER ART (Including Author, Pages, Etc.)  NOTHER ART, "Induction of Apoptosis in Recurrency of Pathology 160(5): 1839-1949.  NOTHING ART (Including Author, Title, Date, Pages, Etc.)  NOTHER ART (Including Author, Pages, Etc.)  NOTHER ART (Including Author, Pages, Etc.)  Nothing Art (Including Author, Pages, Etc.)					FOREI	GN PATE	NT DOCUMENTS			•			
OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)    Most   VC   Strauss, G. et al., "Induction of apoptosis and modulation activation and effector function in T cells by immunosuppressive drugs," Clin Exp. Immunol. 128: 255-266, 2002.   YD   Takemura, S. et al., "T Cell Activation in Rheumatoid Synovium Is B Cell Dependent," The Journ of Immunology 167: 4710-4718, 2001.   YE   Takemura, S. et al., "Conservation of Epstein-Barr Virus Cytotoxic T-Cell Epitopes in Posttransplant Lymphomas. Implications for Immune Therapy," American Journal of Pathology 160(5): 1839-1845, May 2002.   YF   Tokushige, K. et al., "Abnormal T Cell Activation and Skewed T Cell Receptor Vβ Repertoire Usage in Japanese Patients with Idiopathic Portal Hypertension," Clinical Immunology and Immunopathology 75(3): 206-213, 1995.   YG   Trickett, A. et al., "Ex vivo expansion of functional T lymphocytes from HIV-infected individuals," Journal of Immunological Methods 262: 71-83, 2002.   YH   Vavassori, M. et al., "Restricted TCR Repertoire and Long-Term Persistence of Donor-Derived Antigen-Experienced CD4* T Cells in Allogeneic Bone Marrow Transplantation Recipients," The Journal of Immunology 157: 5739-5747, 1996.   YU   Vavassori, M. et al., "CD4+, CD28- T Cells in Rheumatoid Arthritis Patients Combine Features of the Innate and Adaptive Immune Systems," Arthritis & Rheumatism 44(1): 13-20, January 2001   YK   Weishaupt, A. et al., "Antigen therapy eliminates T cell inflammation by apoptosis: effective treatment of experimental autoimmune neuritis with recombinant myelin protein P2," Proc. Natl. Acad. Sci. USA 94(4): 1338-1343, February 1997.   VL   Weishaupt, A. et al., "Glucocorticosteroids modulate antigen-induced T cell apoptosis in experimental autoimmune neuritis and cause T cell proliferation in situ," Acta Neuropathol. 102(1): 75-82, July 2001.   White, C.A. et al., "The roles of Fas, Fas ligand and Bcl-2 in T cell apoptosis in the central nervous system in experimental autoimmune encephalomyelitis," Journal of Neur					DATE		COLINTRY				TRANS	LATION	
OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)    Mostral				NUMBER	DATE	_					YES	NO	
Strauss, G. et al., "Induction of apoptosis and modulation activation and effector function in T cells by immunosuppressive drugs," Clin Exp. Immunol. 128: 255-266, 2002.  Takemura, S. et al., "T Cell Activation in Rheumatoid Synovium Is B Cell Dependent," The Journ of Immunology 167: 4710-4718, 2001.  Tao, Q. et al., "Conservation of Epstein-Barr Virus Cytotoxic T-Cell Epitopes in Posttransplant Lymphomas. Implications for Immune Therapy," American Journal of Pathology 160(5): 1839-1845, May 2002.  Tokushige, K. et al., "Abnormal T Cell Activation and Skewed T Cell Receptor Vβ Repertoire Usage in Japanese Patients with Idiopathic Portal Hypertension," Clinical Immunology and Immunopathology 75(3): 206-213, 1995.  Trickett, A. et al., "Ex vivo expansion of functional T lymphocytes from HIV-infected individuals," Journal of Immunological Methods 262: 71-83, 2002.  YH Vathsala, A. et al., "Inhibition of Apoptosis in Anti-CD3-Treated Peripheral Blood Lymphocytes by Immunosuppressive Drugs," Transplantation Proceedings 32: 1992-1994, 2000.  Yavassori, M. et al., "Restricted TCR Repertoire and Long-Term Persistence of Donor-Derived Antigen-Experienced CD4* T Cells in Allogeneic Bone Marrow Transplantation Recipients," The Journal of Immunology 157: 5739-5747, 1996.  Warrington, K.J. et al., "CD4+, CD28- T Cells in Rheumatoid Arthritis Patients Combine Features of the Innate and Adaptive Immune Systems," Arthritis & Rheumatism 44(1): 13-20, January 2001  Weishaupt, A. et al., "Antigen therapy eliminates T cell inflammation by apoptosis: effective treatment of experimental autoimmune neuritis with recombinant myelin protein P2," Proc. Natl. Acad. Sci. USA 94(4): 1338-1343, February 1997.  Weishaupt, A. et al., "Glucocorticosteroids modulate antigen-induced T cell apoptosis in experimental autoimmune neuritis and cause T cell proliferation in situ," Acta Neuropathol. 102(1): 75-82, July 2001.  White, C.A. et al., "The roles of Fas, Fas ligand and Bcl-2 in T cell apoptosis in the central nervous system in experimental			YB								l		
Cells by immunosuppressive drugs," Clin Exp. Immunol. 128: 255-266, 2002.  Takemura, S. et al., "T Cell Activation in Rheumatoid Synovium Is B Cell Dependent," The Journ of Immunology 167: 4710-4718, 2001.  Tao, Q. et al., "Conservation of Epstein-Barr Virus Cytotoxic T-Cell Epitopes in Posttransplant Lymphomas. Implications for Immune Therapy," American Journal of Pathology 160(5): 1839-1845, May 2002.  Tokushige, K. et al., "Abnormal T Cell Activation and Skewed T Cell Receptor Vβ Repertoire Usage in Japanese Patients with Idiopathic Portal Hypertension," Clinical Immunology and Immunopathology 75(3): 206-213, 1995.  Trickett, A. et al., "Ex vivo expansion of functional T lymphocytes from HIV-infected individuals," Journal of Immunological Methods 262: 71-83, 2002.  Vathsala, A. et al., "Inhibition of Apoptosis in Anti-CD3-Treated Peripheral Blood Lymphocytes by Immunosuppressive Drugs," Transplantation Proceedings 32: 1992-1994, 2000.  Vavassori, M. et al., "Restricted TCR Repertoire and Long-Term Persistence of Donor-Derived Antigen-Experienced CD4* T Cells in Allogeneic Bone Marrow Transplantation Recipients," The Journal of Immunology 157: 5739-5747, 1996.  Warrington, K.J. et al., "CD4+, CD28- T Cells in Rheumatoid Arthritis Patients Combine Features of the Innate and Adaptive Immune Systems," Arthritis & Rheumatism 44(1): 13-20, January 2001  YK Weishaupt, A. et al., "Glucocorticosteroids modulate antigen-induced T cell apoptosis in experimental autoimmune neuritis with recombinant myelin protein P2," Proc. Natl. Acad. Sci. USA 94(4): 1338-1343, February 1997.  YL Weishaupt, A. et al., "Glucocorticosteroids modulate antigen-induced T cell apoptosis in experimental autoimmune neuritis and cause T cell proliferation in situ," Acta Neuropathol. 102(1): 75-82, July 2001.  White, C.A. et al., "The roles of Fas, Fas ligand and Bcl-2 in T cell apoptosis in the central nervous system in experimental autoimmune encephalomyelitis," Journal of Neuroimmunology 82, 47-55, 1998.  DATE CONSIDERED				отн	ER ART	(Including Auth	or, Tille, Date, Pertinent Pages, E	(c.)					
Takemura, S. et al., "T Cell Activation in Rheumatoid Synovium Is B Cell Dependent," The Journal of Immunology 167: 4710-4718, 2001.  Tao, Q. et al., "Conservation of Epstein-Barr Virus Cytotoxic T-Cell Epitopes in Posttransplant Lymphomas. Implications for Immune Therapy," American Journal of Pathology 160(5): 1839-1845, May 2002.  Tokushige, K. et al., "Abnormal T Cell Activation and Skewed T Cell Receptor Vβ Repertoire Usage in Japanese Patients with Idiopathic Portal Hypertension," Clinical Immunology and Immunopathology 75(3): 206-213, 1995.  Trickett, A. et al., "Ex vivo expansion of functional T lymphocytes from HIV-infected individuals," Journal of Immunological Methods 262: 71-83, 2002.  Vathsala, A. et al., "Inhibition of Apoptosis in Anti-CD3-Treated Peripheral Blood Lymphocytes by Immunosuppressive Drugs," Transplantation Proceedings 32: 1992-1994, 2000.  Vavassori, M. et al., "Restricted TCR Repertoire and Long-Term Persistence of Donor-Derived Antigen-Experienced CD4* T Cells in Allogeneic Bone Marrow Transplantation Recipients," The Journal of Immunology 157: 5739-5747, 1996.  Warrington, K.J. et al., "CD4+, CD28- T Cells in Rheumatoid Arthritis Patients Combine Feature of the Innate and Adaptive Immune Systems," Arthritis & Rheumatism 44(1): 13-20, January 2001  Weishaupt, A. et al., "Antigen therapy eliminates T cell inflammation by apoptosis: effective treatment of experimental autoimmune neuritis with recombinant myelin protein P2," Proc. Natl. Acad. Sci. USA 94(4): 1338-1343, February 1997.  Weishaupt, A. et al., "Glucocorticosteroids modulate antigen-induced T cell apoptosis in experimental autoimmune neuritis and cause T cell proliferation in situ," Acta Neuropathol. 102(1): 75-82, July 2001.  White, C.A. et al., "The roles of Fas, Fas ligand and Bcl-2 in T cell apoptosis in the central nervous system in experimental autoimmune encephalomyelitis," Journal of Neuroimmunology 82, 47-55, 1998.  DATE CONSIDERED	u.	1	νC								ion in '	Γ	
of Immunology 167: 4710-4718, 2001.  Tao, Q. et al., "Conservation of Epstein-Barr Virus Cytotoxic T-Cell Epitopes in Posttransplant Lymphomas. Implications for Immune Therapy," American Journal of Pathology 160(5): 1839-1845, May 2002.  Tokushige, K. et al., "Abnormal T Cell Activation and Skewed T Cell Receptor Vβ Repertoire Usage in Japanese Patients with Idiopathic Portal Hypertension," Clinical Immunology and Immunopathology 75(3): 206-213, 1995.  Trickett, A. et al., "Ex vivo expansion of functional T lymphocytes from HIV-infected individuals," Journal of Immunological Methods 262: 71-83, 2002.  Vathsala, A. et al., "Inhibition of Apoptosis in Anti-CD3-Treated Peripheral Blood Lymphocytes by Immunosuppressive Drugs," Transplantation Proceedings 32: 1992-1994, 2000.  Vavassori, M. et al., "Restricted TCR Repertoire and Long-Term Persistence of Donor-Derived Antigen-Experienced CD4* T Cells in Allogeneic Bone Marrow Transplantation Recipients," The Journal of Immunology 157: 5739-5747, 1996.  Warrington, K.J. et al., "CD4+, CD28- T Cells in Rheumatoid Arthritis Patients Combine Features of the Innate and Adaptive Immune Systems," Arthritis & Rheumatism 44(1): 13-20, January 2001  Weishaupt, A. et al., "Antigen therapy eliminates T cell inflammation by apoptosis: effective treatment of experimental autoimmune neuritis with recombinant myelin protein P2," Proc. Natl. Acad. Sci. USA 94(4): 1338-1343, February 1997.  Weishaupt, A. et al., "Glucocorticosteroids modulate antigen-induced T cell apoptosis in experimental autoimmune neuritis and cause T cell proliferation in situ," Acta Neuropathol. 102(1): 75-82, July 2001.  White, C.A. et al., "The roles of Fas, Fas ligand and Bcl-2 in T cell apoptosis in the central nervous system in experimental autoimmune encephalomyelitis," Journal of Neuroimmunology 82, 47-55, 1998.	No	2		cells by immunos	uppressiv	e drugs," C	lin Exp. Immunol. 128: 25	55-266	, 200	<u>)2.</u>			
of Immunology 167: 4710-4718, 2001.  Tao, Q. et al., "Conservation of Epstein-Barr Virus Cytotoxic T-Cell Epitopes in Posttransplant Lymphomas. Implications for Immune Therapy," American Journal of Pathology 160(5): 1839-1845, May 2002.  Tokushige, K. et al., "Abnormal T Cell Activation and Skewed T Cell Receptor Vβ Repertoire Usage in Japanese Patients with Idiopathic Portal Hypertension," Clinical Immunology and Immunopathology 75(3): 206-213, 1995.  Trickett, A. et al., "Ex vivo expansion of functional T lymphocytes from HIV-infected individuals," Journal of Immunological Methods 262: 71-83, 2002.  Vathsala, A. et al., "Inhibition of Apoptosis in Anti-CD3-Treated Peripheral Blood Lymphocytes by Immunosuppressive Drugs," Transplantation Proceedings 32: 1992-1994, 2000.  Vavassori, M. et al., "Restricted TCR Repertoire and Long-Term Persistence of Donor-Derived Antigen-Experienced CD4* T Cells in Allogeneic Bone Marrow Transplantation Recipients," The Journal of Immunology 157: 5739-5747, 1996.  Warrington, K. J. et al., "CD4+, CD28- T Cells in Rheumatoid Arthritis Patients Combine Features of the Innate and Adaptive Immune Systems," Arthritis & Rheumatism 44(1): 13-20, January 2001  Weishaupt, A. et al., "Antigen therapy eliminates T cell inflammation by apoptosis: effective treatment of experimental autoimmune neuritis with recombinant myelin protein P2," Proc. Natl. Acad. Sci. USA 94(4): 1338-1343, February 1997.  Weishaupt, A. et al., "Glucocorticosteroids modulate antigen-induced T cell apoptosis in experimental autoimmune neuritis and cause T cell proliferation in situ," Acta Neuropathol. 102(1): 75-82, July 2001.  White, C.A. et al., "The roles of Fas, Fas ligand and Bcl-2 in T cell apoptosis in the central nervous system in experimental autoimmune encephalomyelitis," Journal of Neuroimmunology 82 47-55, 1998.  DATE CONSIDERED			VD	Takemura, S. et al	Takemura, S. et al., "T Cell Activation in Rheumatoid Synovium Is B Cell Dependent," The Journa								
Tao, Q. et al., "Conservation of Epstein-Barr Virus Cytotoxic T-Cell Epitopes in Posttransplant Lymphomas. Implications for Immune Therapy," American Journal of Pathology 160(5): 1839-1845, May 2002.  Tokushige, K. et al., "Abnormal T Cell Activation and Skewed T Cell Receptor Vβ Repertoire Usage in Japanese Patients with Idiopathic Portal Hypertension," Clinical Immunology and Immunopathology 75(3): 206-213, 1995.  Trickett, A. et al., "Ex vivo expansion of functional T lymphocytes from HIV-infected individuals," Journal of Immunological Methods 262: 71-83, 2002.  Vathsala, A. et al., "Inhibition of Apoptosis in Anti-CD3-Treated Peripheral Blood Lymphocytes by Immunosuppressive Drugs," Transplantation Proceedings 32: 1992-1994, 2000.  Vavassori, M. et al., "Restricted TCR Repertoire and Long-Term Persistence of Donor-Derived Antigen-Experienced CD4* T Cells in Allogeneic Bone Marrow Transplantation Recipients," The Journal of Immunology 157: 5739-5747, 1996.  Warrington, K.J. et al., "CD4+, CD28- T Cells in Rheumatoid Arthritis Patients Combine Features of the Innate and Adaptive Immune Systems," Arthritis & Rheumatism 44(1): 13-20, January 2001  Weishaupt, A. et al., "Antigen therapy eliminates T cell inflammation by apoptosis: effective treatment of experimental autoimmune neuritis with recombinant myelin protein P2," Proc. Natl. Acad. Sci. USA 94(4): 1338-1343, February 1997.  Weishaupt, A. et al., "Glucocorticosteroids modulate antigen-induced T cell apoptosis in experimental autoimmune neuritis and cause T cell proliferation in situ," Acta Neuropathol. 102(1): 75-82, July 2001.  White, C.A. et al., "The roles of Fas, Fas ligand and Bcl-2 in T cell apoptosis in the central nervous system in experimental autoimmune encephalomyelitis," Journal of Neuroimmunology 82 47-55, 1998.  DATE CONSIDERED		ı		of Immunology 16	of Immunology 167: 4710-4718, 2001.								
Lymphomas. Implications for Immune Therapy," American Journal of Pathology 160(5): 1839-1845, May 2002.  Tokushige, K. et al., "Abnormal T Cell Activation and Skewed T Cell Receptor Vβ Repertoire Usage in Japanese Patients with Idiopathic Portal Hypertension," Clinical Immunology and Immunopathology 75(3): 206-213, 1995.  Trickett, A. et al., "Ex vivo expansion of functional T lymphocytes from HIV-infected individuals," Journal of Immunological Methods 262: 71-83, 2002.  Vathsala, A. et al., "Inhibition of Apoptosis in Anti-CD3-Treated Peripheral Blood Lymphocytes by Immunosuppressive Drugs," Transplantation Proceedings 32: 1992-1994, 2000.  Vavassori, M. et al., "Restricted TCR Repertoire and Long-Term Persistence of Donor-Derived Antigen-Experienced CD4* T Cells in Allogeneic Bone Marrow Transplantation Recipients," The Journal of Immunology 157: 5739-5747, 1996.  Warrington, K.J. et al., "CD4+, CD28-T Cells in Rheumatoid Arthritis Patients Combine Features of the Innate and Adaptive Immune Systems," Arthritis & Rheumatism 44(1): 13-20, January 2001  Weishaupt, A. et al., "Antigen therapy eliminates T cell inflammation by apoptosis: effective treatment of experimental autoimmune neuritis with recombinant myelin protein P2," Proc. Natl. Acad. Sci. USA 94(4): 1338-1343, February 1997.  Weishaupt, A. et al., "Glucocorticosteroids modulate antigen-induced T cell apoptosis in experimental autoimmune neuritis and cause T cell proliferation in situ," Acta Neuropathol. 102(1): 75-82, July 2001.  White, C.A. et al., "The roles of Fas, Fas ligand and Bel-2 in T cell apoptosis in the central nervous system in experimental autoimmune encephalomyelitis," Journal of Neuroimmunology 82, 47-55, 1998.  DATE CONSIDERED	•												
Tokushige, K. et al., "Abnormal T Cell Activation and Skewed T Cell Receptor Vβ Repertoire Usage in Japanese Patients with Idiopathic Portal Hypertension," Clinical Immunology and Immunopathology 75(3): 206-213, 1995.  YG  Trickett, A. et al., "Ex vivo expansion of functional T lymphocytes from HIV-infected individuals," Journal of Immunological Methods 262: 71-83, 2002.  Vathsala, A. et al., "Inhibition of Apoptosis in Anti-CD3-Treated Peripheral Blood Lymphocytes by Immunosuppressive Drugs," Transplantation Proceedings 32: 1992-1994, 2000.  Vavassori, M. et al., "Restricted TCR Repertoire and Long-Term Persistence of Donor-Derived Antigen-Experienced CD4* T Cells in Allogeneic Bone Marrow Transplantation Recipients," The Journal of Immunology 157: 5739-5747, 1996.  VI  Warrington, K.J. et al., "CD4+, CD28- T Cells in Rheumatoid Arthritis Patients Combine Features of the Innate and Adaptive Immune Systems," Arthritis & Rheumatism 44(1): 13-20, January 2001  Weishaupt, A. et al., "Antigen therapy eliminates T cell inflammation by apoptosis: effective treatment of experimental autoimmune neuritis with recombinant myelin protein P2," Proc. Natl. Acad. Sci. USA 94(4): 1338-1343, February 1997.  Weishaupt, A. et al., "Glucocorticosteroids modulate antigen-induced T cell apoptosis in experimental autoimmune neuritis and cause T cell proliferation in situ," Acta Neuropathol. 102(1): 75-82, July 2001.  White, C.A. et al., "The roles of Fas, Fas ligand and Bcl-2 in T cell apoptosis in the central nervous system in experimental autoimmune encephalomyelitis," Journal of Neuroimmunology 82 47-55, 1998.  DATE CONSIDERED  DATE CONSIDERED	1	1	YE										
Usage in Japanese Patients with Idiopathic Portal Hypertension," Clinical Immunology and Immunopathology 75(3): 206-213, 1995.  Trickett, A. et al., "Ex vivo expansion of functional T lymphocytes from HIV-infected individuals," Journal of Immunological Methods 262: 71-83, 2002.  Vathsala, A. et al., "Inhibition of Apoptosis in Anti-CD3-Treated Peripheral Blood Lymphocytes by Immunosuppressive Drugs," Transplantation Proceedings 32: 1992-1994, 2000.  Vavassori, M. et al., "Restricted TCR Repertoire and Long-Term Persistence of Donor-Derived Antigen-Experienced CD4* T Cells in Allogeneic Bone Marrow Transplantation Recipients," The Journal of Immunology 157: 5739-5747, 1996.  Warrington, K.J. et al., "CD4+, CD28- T Cells in Rheumatoid Arthritis Patients Combine Features of the Innate and Adaptive Immune Systems," Arthritis & Rheumatism 44(1): 13-20, January 2001  Weishaupt, A. et al., "Antigen therapy eliminates T cell inflammation by apoptosis: effective treatment of experimental autoimmune neuritis with recombinant myelin protein P2," Proc. Natl. Acad. Sci. USA 94(4): 1338-1343, February 1997.  Weishaupt, A. et al., "Glucocorticosteroids modulate antigen-induced T cell apoptosis in experimental autoimmune neuritis and cause T cell proliferation in situ," Acta Neuropathol. 102(1): 75-82, July 2001.  White, C.A. et al., "The roles of Fas, Fas ligand and Bcl-2 in T cell apoptosis in the central nervous system in experimental autoimmune encephalomyelitis," Journal of Neuroimmunology 82 47-55, 1998.  DATE CONSIDERED				1845, May 2002.									
Usage in Japanese Patients with Idiopathic Portal Hypertension," Clinical Immunology and Immunopathology 75(3): 206-213, 1995.  YG  Trickett, A. et al., "Ex vivo expansion of functional T lymphocytes from HIV-infected individuals," Journal of Immunological Methods 262: 71-83, 2002.  Vathsala, A. et al., "Inhibition of Apoptosis in Anti-CD3-Treated Peripheral Blood Lymphocytes by Immunosuppressive Drugs," Transplantation Proceedings 32: 1992-1994, 2000.  Vavassori, M. et al., "Restricted TCR Repertoire and Long-Term Persistence of Donor-Derived Antigen-Experienced CD4* T Cells in Allogeneic Bone Marrow Transplantation Recipients," The Journal of Immunology 157: 5739-5747, 1996.  Warrington, K.J. et al., "CD4+, CD28- T Cells in Rheumatoid Arthritis Patients Combine Features of the Innate and Adaptive Immune Systems," Arthritis & Rheumatism 44(1): 13-20, January 2001  Weishaupt, A. et al., "Antigen therapy eliminates T cell inflammation by apoptosis: effective treatment of experimental autoimmune neuritis with recombinant myelin protein P2," Proc. Natl. Acad. Sci. USA 94(4): 1338-1343, February 1997.  Weishaupt, A. et al., "Glucocorticosteroids modulate antigen-induced T cell apoptosis in experimental autoimmune neuritis and cause T cell proliferation in situ," Acta Neuropathol. 102(1): 75-82, July 2001.  White, C.A. et al., "The roles of Fas, Fas ligand and Bcl-2 in T cell apoptosis in the central nervous system in experimental autoimmune encephalomyelitis," Journal of Neuroimmunology 82, 47-55, 1998.  DATE CONSIDERED			,,,-										
Trickett, A. et al., "Ex vivo expansion of functional T lymphocytes from HIV-infected individuals," Journal of Immunological Methods 262: 71-83, 2002.  Yh Vathsala, A. et al., "Inhibition of Apoptosis in Anti-CD3-Treated Peripheral Blood Lymphocytes by Immunosuppressive Drugs," Transplantation Proceedings 32: 1992-1994, 2000.  Ya Vavassori, M. et al., "Restricted TCR Repertoire and Long-Term Persistence of Donor-Derived Antigen-Experienced CD4* T Cells in Allogeneic Bone Marrow Transplantation Recipients," The Journal of Immunology 157: 5739-5747, 1996.  Warrington, K.J. et al., "CD4+, CD28- T Cells in Rheumatoid Arthritis Patients Combine Features of the Innate and Adaptive Immune Systems," Arthritis & Rheumatism 44(1): 13-20, January 2001  Weishaupt, A. et al., "Antigen therapy eliminates T cell inflammation by apoptosis: effective treatment of experimental autoimmune neuritis with recombinant myelin protein P2," Proc. Natl. Acad. Sci. USA 94(4): 1338-1343, February 1997.  Weishaupt, A. et al., "Glucocorticosteroids modulate antigen-induced T cell apoptosis in experimental autoimmune neuritis and cause T cell proliferation in situ," Acta Neuropathol. 102(1): 75-82, July 2001.  White, C.A. et al., "The roles of Fas, Fas ligand and Bcl-2 in T cell apoptosis in the central nervous system in experimental autoimmune encephalomyelitis," Journal of Neuroimmunology 82 47-55, 1998.  DATE CONSIDERED	{	ı	11	Usage in Japanese Patients with Idiopathic Portal Hypertension," Clinical Immunology and									
individuals," Journal of Immunological Methods 262: 71-83, 2002.  Vathsala, A. et al., "Inhibition of Apoptosis in Anti-CD3-Treated Peripheral Blood Lymphocytes by Immunosuppressive Drugs," Transplantation Proceedings 32: 1992-1994, 2000.  Vavassori, M. et al., "Restricted TCR Repertoire and Long-Term Persistence of Donor-Derived Antigen-Experienced CD4* T Cells in Allogeneic Bone Marrow Transplantation Recipients," The Journal of Immunology 157: 5739-5747, 1996.  Warrington, K.J. et al., "CD4+, CD28- T Cells in Rheumatoid Arthritis Patients Combine Features of the Innate and Adaptive Immune Systems," Arthritis & Rheumatism 44(1): 13-20, January 2001  Weishaupt, A. et al., "Antigen therapy eliminates T cell inflammation by apoptosis: effective treatment of experimental autoimmune neuritis with recombinant myelin protein P2," Proc. Natl. Acad. Sci. USA 94(4): 1338-1343, February 1997.  Weishaupt, A. et al., "Glucocorticosteroids modulate antigen-induced T cell apoptosis in experimental autoimmune neuritis and cause T cell proliferation in situ," Acta Neuropathol. 102(1): 75-82, July 2001.  White, C.A. et al., "The roles of Fas, Fas ligand and Bcl-2 in T cell apoptosis in the central nervous system in experimental autoimmune encephalomyelitis," Journal of Neuroimmunology 82 47-55, 1998.  DATE CONSIDERED				Immunopathology 75(3): 206-213, 1995.									
Vathsala, A. et al., "Inhibition of Apoptosis in Anti-CD3-Treated Peripheral Blood Lymphocytes by Immunosuppressive Drugs," Transplantation Proceedings 32: 1992-1994, 2000.  Vavassori, M. et al., "Restricted TCR Repertoire and Long-Term Persistence of Donor-Derived Antigen-Experienced CD4* T Cells in Allogeneic Bone Marrow Transplantation Recipients," The Journal of Immunology 157: 5739-5747, 1996.  Warrington, K.J. et al., "CD4+, CD28- T Cells in Rheumatoid Arthritis Patients Combine Features of the Innate and Adaptive Immune Systems," Arthritis & Rheumatism 44(1): 13-20, January 2001  Weishaupt, A. et al., "Antigen therapy eliminates T cell inflammation by apoptosis: effective treatment of experimental autoimmune neuritis with recombinant myelin protein P2," Proc. Natl. Acad. Sci. USA 94(4): 1338-1343, February 1997.  Weishaupt, A. et al., "Glucocorticosteroids modulate antigen-induced T cell apoptosis in experimental autoimmune neuritis and cause T cell proliferation in situ," Acta Neuropathol. 102(1): 75-82, July 2001.  White, C.A. et al., "The roles of Fas, Fas ligand and Bcl-2 in T cell apoptosis in the central nervous system in experimental autoimmune encephalomyelitis," Journal of Neuroimmunology 82 47-55, 1998.  DATE CONSIDERED	1		vc			-			om H	IV-infected	l		
by Immunosuppressive Drugs," Transplantation Proceedings 32: 1992-1994, 2000.  Vavassori, M. et al., "Restricted TCR Repertoire and Long-Term Persistence of Donor-Derived Antigen-Experienced CD4* T Cells in Allogeneic Bone Marrow Transplantation Recipients," The Journal of Immunology 157: 5739-5747, 1996.  Warrington, K.J. et al., "CD4+, CD28- T Cells in Rheumatoid Arthritis Patients Combine Features of the Innate and Adaptive Immune Systems," Arthritis & Rheumatism 44(1): 13-20, January 2001  Weishaupt, A. et al., "Antigen therapy eliminates T cell inflammation by apoptosis: effective treatment of experimental autoimmune neuritis with recombinant myelin protein P2," Proc. Natl. Acad. Sci. USA 94(4): 1338-1343, February 1997.  Weishaupt, A. et al., "Glucocorticosteroids modulate antigen-induced T cell apoptosis in experimental autoimmune neuritis and cause T cell proliferation in situ," Acta Neuropathol. 102(1): 75-82, July 2001.  White, C.A. et al., "The roles of Fas, Fas ligand and Bcl-2 in T cell apoptosis in the central nervous system in experimental autoimmune encephalomyelitis," Journal of Neuroimmunology 82 47-55, 1998.  DATE CONSIDERED			10										
Vavassori, M. et al., "Restricted TCR Repertoire and Long-Term Persistence of Donor-Derived Antigen-Experienced CD4* T Cells in Allogeneic Bone Marrow Transplantation Recipients," The Journal of Immunology 157: 5739-5747, 1996.  Warrington, K.J. et al., "CD4+, CD28- T Cells in Rheumatoid Arthritis Patients Combine Features of the Innate and Adaptive Immune Systems," Arthritis & Rheumatism 44(1): 13-20, January 2001  Weishaupt, A. et al., "Antigen therapy eliminates T cell inflammation by apoptosis: effective treatment of experimental autoimmune neuritis with recombinant myelin protein P2," Proc. Natl. Acad. Sci. USA 94(4): 1338-1343, February 1997.  Weishaupt, A. et al., "Glucocorticosteroids modulate antigen-induced T cell apoptosis in experimental autoimmune neuritis and cause T cell proliferation in situ," Acta Neuropathol. 102(1): 75-82, July 2001.  White, C.A. et al., "The roles of Fas, Fas ligand and Bcl-2 in T cell apoptosis in the central nervous system in experimental autoimmune encephalomyelitis," Journal of Neuroimmunology 82 47-55, 1998.  DATE CONSIDERED		į	VH										
Antigen-Experienced CD4* T Cells in Allogeneic Bone Marrow Transplantation Recipients," The Journal of Immunology 157: 5739-5747, 1996.  Warrington, K.J. et al., "CD4+, CD28- T Cells in Rheumatoid Arthritis Patients Combine Features of the Innate and Adaptive Immune Systems," Arthritis & Rheumatism 44(1): 13-20, January 2001  Weishaupt, A. et al., "Antigen therapy eliminates T cell inflammation by apoptosis: effective treatment of experimental autoimmune neuritis with recombinant myelin protein P2," Proc. Natl. Acad. Sci. USA 94(4): 1338-1343, February 1997.  Weishaupt, A. et al., "Glucocorticosteroids modulate antigen-induced T cell apoptosis in experimental autoimmune neuritis and cause T cell proliferation in situ," Acta Neuropathol. 102(1): 75-82, July 2001.  White, C.A. et al., "The roles of Fas, Fas ligand and Bcl-2 in T cell apoptosis in the central nervous system in experimental autoimmune encephalomyelitis," Journal of Neuroimmunology 82, 47-55, 1998.  DATE CONSIDERED													
Antigen-Experienced CD4 T Cells in Allogeneic Bone Marrow Transplantation Recipients," The Journal of Immunology 157: 5739-5747, 1996.  Warrington, K.J. et al., "CD4+, CD28- T Cells in Rheumatoid Arthritis Patients Combine Features of the Innate and Adaptive Immune Systems," Arthritis & Rheumatism 44(1): 13-20, January 2001  Weishaupt, A. et al., "Antigen therapy eliminates T cell inflammation by apoptosis: effective treatment of experimental autoimmune neuritis with recombinant myelin protein P2," Proc. Natl. Acad. Sci. USA 94(4): 1338-1343, February 1997.  Weishaupt, A. et al., "Glucocorticosteroids modulate antigen-induced T cell apoptosis in experimental autoimmune neuritis and cause T cell proliferation in situ," Acta Neuropathol. 102(1): 75-82, July 2001.  White, C.A. et al., "The roles of Fas, Fas ligand and Bcl-2 in T cell apoptosis in the central nervous system in experimental autoimmune encephalomyelitis," Journal of Neuroimmunology 82, 47-55, 1998.  DATE CONSIDERED	Ì		YI										
Warrington, K.J. et al., "CD4+, CD28- T Cells in Rheumatoid Arthritis Patients Combine Feature of the Innate and Adaptive Immune Systems," Arthritis & Rheumatism 44(1): 13-20, January 2001  Weishaupt, A. et al., "Antigen therapy eliminates T cell inflammation by apoptosis: effective treatment of experimental autoimmune neuritis with recombinant myelin protein P2," Proc. Natl. Acad. Sci. USA 94(4): 1338-1343, February 1997.  Weishaupt, A. et al., "Glucocorticosteroids modulate antigen-induced T cell apoptosis in experimental autoimmune neuritis and cause T cell proliferation in situ," Acta Neuropathol. 102(1): 75-82, July 2001.  White, C.A. et al., "The roles of Fas, Fas ligand and Bcl-2 in T cell apoptosis in the central nervous system in experimental autoimmune encephalomyelitis," Journal of Neuroimmunology 8. 47-55, 1998.  DATE CONSIDERED		· -	-					Trans	splan	tation Reci	pients,	' The	
of the Innate and Adaptive Immune Systems," Arthritis & Rheumatism 44(1): 13-20, January 2001  Weishaupt, A. et al., "Antigen therapy eliminates T cell inflammation by apoptosis: effective treatment of experimental autoimmune neuritis with recombinant myelin protein P2," Proc. Natl. Acad. Sci. USA 94(4): 1338-1343, February 1997.  Weishaupt, A. et al., "Glucocorticosteroids modulate antigen-induced T cell apoptosis in experimental autoimmune neuritis and cause T cell proliferation in situ," Acta Neuropathol. 102(1): 75-82, July 2001.  White, C.A. et al., "The roles of Fas, Fas ligand and Bcl-2 in T cell apoptosis in the central nervous system in experimental autoimmune encephalomyelitis," Journal of Neuroimmunology 82, 47-55, 1998.  EXAMINER  DATE CONSIDERED	$\rightarrow$								· n				
Weishaupt, A. et al., "Antigen therapy eliminates T cell inflammation by apoptosis: effective treatment of experimental autoimmune neuritis with recombinant myelin protein P2," Proc. Natl. Acad. Sci. USA 94(4): 1338-1343, February 1997.  Weishaupt, A. et al., "Glucocorticosteroids modulate antigen-induced T cell apoptosis in experimental autoimmune neuritis and cause T cell proliferation in situ," Acta Neuropathol. 102(1): 75-82, July 2001.  White, C.A. et al., "The roles of Fas, Fas ligand and Bcl-2 in T cell apoptosis in the central nervous system in experimental autoimmune encephalomyelitis," Journal of Neuroimmunology 82, 47-55, 1998.  DATE CONSIDERED		1	YJ										
treatment of experimental autoimmune neuritis with recombinant myelin protein P2," Proc. Natl. Acad. Sci. USA 94(4): 1338-1343, February 1997.  Weishaupt, A. et al., "Glucocorticosteroids modulate antigen-induced T cell apoptosis in experimental autoimmune neuritis and cause T cell proliferation in situ," Acta Neuropathol. 102(1): 75-82, July 2001.  White, C.A. et al., "The roles of Fas, Fas ligand and Bcl-2 in T cell apoptosis in the central nervous system in experimental autoimmune encephalomyelitis," Journal of Neuroimmunology 83, 47-55, 1998.  EXAMINER  DATE CONSIDERED													
Acad. Sci. USA 94(4): 1338-1343, February 1997.  Weishaupt, A. et al., "Glucocorticosteroids modulate antigen-induced T cell apoptosis in experimental autoimmune neuritis and cause T cell proliferation in situ," Acta Neuropathol. 102(1): 75-82, July 2001.  White, C.A. et al., "The roles of Fas, Fas ligand and Bcl-2 in T cell apoptosis in the central nervous system in experimental autoimmune encephalomyelitis," Journal of Neuroimmunology 82, 47-55, 1998.  EXAMINER  DATE CONSIDERED		- 1	YK	_			•		•	· •			
Weishaupt, A. et al., "Glucocorticosteroids modulate antigen-induced T cell apoptosis in experimental autoimmune neuritis and cause T cell proliferation in situ," Acta Neuropathol. 102(1): 75-82, July 2001.  White, C.A. et al., "The roles of Fas, Fas ligand and Bcl-2 in T cell apoptosis in the central nervous system in experimental autoimmune encephalomyelitis," Journal of Neuroimmunology 82, 47-55, 1998.  EXAMINER  DATE CONSIDERED	treatment of experimental autoimmune neuritis with recombinant myelin protein P2," Proc. N								vaii.				
experimental autoimmune neuritis and cause T cell proliferation in situ," Acta Neuropathol.  102(1): 75-82, July 2001.  White, C.A. et al., "The roles of Fas, Fas ligand and Bcl-2 in T cell apoptosis in the central nervous system in experimental autoimmune encephalomyelitis," Journal of Neuroimmunology 8.47-55, 1998.  EXAMINER  DATE CONSIDERED	-							duced	Too	II anontosis	in		
White, C.A. et al., "The roles of Fas, Fas ligand and Bcl-2 in T cell apoptosis in the central nervous system in experimental autoimmune encephalomyelitis," Journal of Neuroimmunology 8. 47-55, 1998.  DATE CONSIDERED			YL										
White, C.A. et al., "The roles of Fas, Fas ligand and Bcl-2 in T cell apoptosis in the central nervous system in experimental autoimmune encephalomyelitis," Journal of Neuroimmunology 82, 47-55, 1998.  EXAMINER  DATE CONSIDERED		1											
nervous system in experimental autoimmune encephalomyelitis," Journal of Neuroimmunology 82 47-55, 1998.  DATE CONSIDERED  10/14/06		-				es of Fac F	as ligand and Rel 2 in T	cell an	onto	sis in the ce	entral	_	
EXAMINER DATE CONSIDERED 10/14/06	M.A		YM			-	<del>-</del>	-	-			ου <i>8</i> :	
11/10	11/				- CAPOING			, Jour	,,,,,,			65 02 	
EXAMINER: Initial if reference considered, whether or not criteria is in conformance with MPEP 600. Draw line through citation if not in	EXAM	IINEI	R	11	10		DATE CONSIDERED	-	0/2	14/06			
	EXAN	MINF	R·	nitial if reference considered w	hether or no	Loriteria is in co	informance with MPFP 600 Denu	/ line the	Dugh c	itation if not in			

Sheet <u>26</u> of <u>26</u>

FORM	PTO-1449		U.S.	U.S. DEPARTMENT OF COMMERCE			ATTY. DOCKET NO. APPLICATION NO.						
(REV.7-80)			PAT	PATENT AND TRADEMARK OFFICE			980034.422C1 10/729,822						
· SUPPLEMENTAL					APPLICANTS								
	INFO	DRM.	ATION DISCLOSU		ENT	Ronald Berenson et al.							
			(Use several sheets if nec	essary)		FILING DATE GROUP ART UNIT							
						December 5, 2003	1	632					
				U.S.	PATENT	DOCUMENTS							
	MINER NAL		DOCUMENT NUMBER	DATE	NAME		CLASS	SUBCLASS	FILING DATE IF APPROPRIATE				
		ZA											
				FOREI	GN PATE	NT DOCUMENTS							
<u> </u>		<u> </u>	DOCUMENT	DATE		COUNTRY			TRANSLATION				
<u> </u>		<u> </u>	NUMBER	DATE					YES	NO			
		ZB											
			O'	THER ART	(Including Auth	or, Title, Date, Pertinent Pages, E	ic.)						
			Wong, S. et al	l., "Analysis o	of the Peripl	neral T-Cell Receptor Vβ	Reperto	ire in Newly I	Diagnos	sed			
Π	B	ZC		Patients with Type I Diabetes," Autoimmunity 18: 77-83, 1994.									
		ZD				perimental Autoimmune	Myasthe	nia Gravis Pa	hogene	esis,"			
	<u> </u>	ZD		The Journal of Immunology 154: 3603-3610, 1995.									
		ZE		Wu, H. et al., "Conserved T-cell receptor β-chain CDR3 sequences in IgA nephrology biopsies,"									
				Kidney International 55: 109-119, 1999.									
		ZF	Acitve Mulitp	Wucherpfennig, K.W. et al., "T Cell Receptor V <sub>α</sub> -V <sub>β</sub> Repertoire and Cytokine Gene Expression in Acitve Mulitple Sclerosis Lesions," <i>Journal of Experimental Medicine 175</i> : 993-1002, April 1992.									
		ZG		Xiao, B.G. et al., "Mechanisms of recovery from experimental allergic encephalomyelitis indu									
	1			with myelin basic protein peptide 68-86 in Lewis rats: a role for dendritic cells in inducing									
	apoptosis of CD4+ T cells," J. Neuroimmunol. 97(1-2): 25-36, 1999.												
Yamada, O. et al., "Clonal T-cell proliferation causing pure red cell apla													
	lymphocytic leukaemia: successful treatment with cyclosporine following in vitro abrogation o								1 01				
	+-			erythroid colony-suppressing activity," <i>British Journal of Haematology 101</i> : 335-337, 1998.  Yang, P. et al., "Apoptosis of infiltrating cells in experimental autoimmune ureoretinitis," <i>Chinese</i>									
İ		ZI	Ų, ,	Medical Journal 113(7): 643-646, 2000.									
		71		Yu, H.G. et al., "Apoptosis of CD4 <sup>†</sup> T cells occurs in experimental autoimmune anterior uveitis									
	<u> </u>	ZJ		(EAAU)," Clin. Exp. Immunol. 118: 357-363, 1999.									
	· .	ZK		Zipp, F. et al., "Dual effect of glucocortocoids on apoptosis of human autoreactive and foreign									
<u> </u>				antigen-specific T cells," J. Neuroimmunol. 110(1-2): 214-222, October 2000.									
		ZL	*	Zou, JP. et al., "Tumor-Bearing Mice Exhibit A Progressive Increase in Tumor Antigen-Presenting									
l H	B			Cell Function and A Reciprocal Decrease in Tumor Antigen-Responsive CD4 <sup>+</sup> T Cell Activity," The									
<u> </u>			Journal of Im	munology 14	8(2): 648-65	55, January 15, 1992.		<del></del>					
		ZM		/									
EXA	MINE	R	//	1		DATE CONSIDERED		0/21/16					
+ FX	AMIN	ER	Initial if reference consider	red whether or no	t criteria is in co	onformance with MPEP 609. Draw	v line throu	en citation if not in					
l ~~``				•		with part communication to applic		g					